

the
TOOL ENGINEER
suppliers directory issue

JUNE 15, 1959



PUBLICATION OF THE AMERICAN SOCIETY OF TOOL ENGINEERS.

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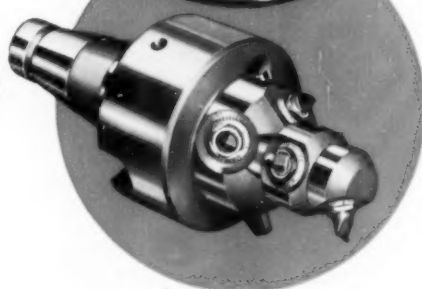


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DEV LIEG MACHINE COMPANY, FAIR STREET • ROYAL OAK, MICHIGAN

the tool engineer

Vol. 42, No. 7

June 15, 1959

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THIS MONTH'S COVER

Tool engineers are, by definition, the men who "plan the processes of manufacture, supply the tools and integrate the facilities required for production of given products with minimum expenditure of time, labor and materials." Therefore, tool engineers must have ready access to product information on machines, equipment, tools and tooling.

Hundreds or even thousands of items may be required for efficient production in one plant. A few of these items are illustrated on this cover and are symbolic of the products listed in the Suppliers Directory in this issue. Manufacturers and local sales offices are also listed, making it possible to contact reliable sources of information in a hurry.

THE TOOL ENGINEER is regularly indexed in the *Engineering Index Service* and *Applied Science & Technology Index*.

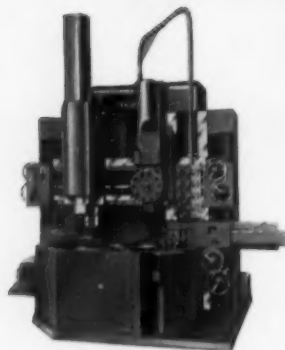


Before You Buy...

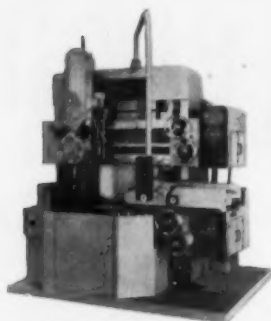
investigate

The many outstanding
advantages offered
by...

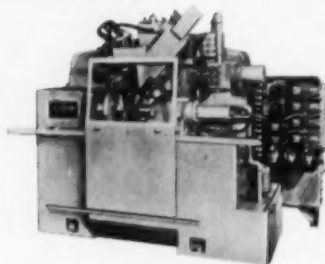
BULLARD



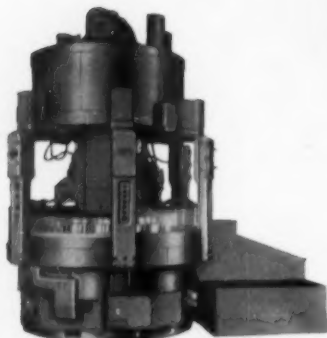
CUT MASTER V.T.L.
MODEL 75



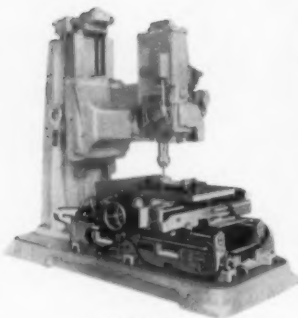
MAN-AU-TROL
MODEL 75



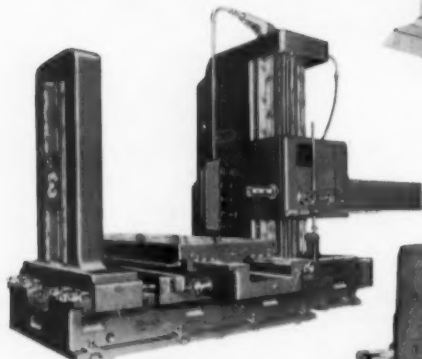
HYDRA-FEED
LATHES



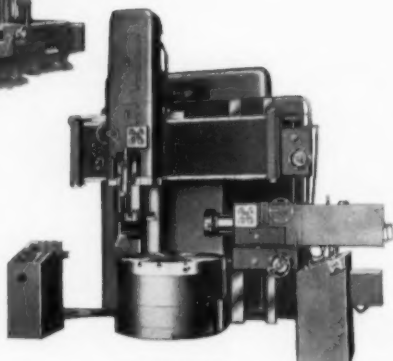
MULT-AU-MATIC
TYPE "L"



SPACER
TABLE



HORIZONTAL BORING
MILLING AND DRILLING
MACHINE
MODEL 75



CUT GRINDER

MODERN MACHINE TOOLS

CUT MASTER V.T.L., Model 75, in six sizes, 26" to 76" table diameters in 10" increments. Various combinations of heads are available.

MAN-AU-TROL, Model 75 for fully automatic operation — may be applied to any or all heads of Cut Master V.T.L. Model 75 at time of ordering or at a later date.

VERTICAL BORING AND TURNING MILL, Two Sizes — 108" and 144" Table Diameters.

MULT-AU-MATIC, Type "L", 10" with 6, 8, 12 or 16 spindles, 14" and 18" with 6 or 8 spindles.

CONTIN-U-MATIC, Type RD, 4, 6 and 12 spindles in 10", 14" and 20" sizes.

HORIZONTAL BORING, MILLING AND DRILLING MACHINE, Model 75, in 3", 4", 5" and 6" Spindle Size, five models. Available in many combinations of bed length, vertical capacity and table size.

HYDRA-FEED LATHES, automatic and tracer models each in four sizes.

CUT-GRINDER, Model 75, in six sizes, 26" to 76" table diameters in 10" increments.

SPACER TABLE, Model 30" x 20", mounted on Super Service Drill.

*To cut costs
when cutting metal*

... buy BULLARD

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BULLARD
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Detroit 38, Mich.

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Progress through Research

It is reassuring to hear reports from outstanding companies across the nation that they are beating the current economic squeeze. The challenge of foreign competition and of high labor rates has usually been met by increased productivity. In this area the tool engineer has had his work cut out for him and he has produced admirably. The same resourcefulness can be expected of him in the future. Also, research and development become increasingly important as competition gets keener.

Recently, Charles Percy, president of Bell and Howell Co., reported that 65 percent of sales comes from products nonexistent five years ago. What better testimonial could be paid to research and development in a field that is fiercely competitive and that has been traditionally dominated by foreign countries? Dale Long, president of Scully-Jones & Co., reports similar achievements. In his company, research has reduced manufacturing costs and improved products. More than 16 percent of sales comes from newly developed products.

Machine tool companies are probably more sensitive to the impetus given industry through new products than most other industries. It is they who design and build the special machines needed for these products. They believe in research and apply it to their own operations. Recently, Walter Bailey, president of Warner & Swasey Co., showed that his company has confidence in the future because it has invested more funds in research this year than in any previous period.

Another realistic approach involves the reappraisal of product designs to assure equal or better performance but with simplified models. This is the approach taken by Richard Montanus, vice president of Springfield Machine Tool Co., in building a basic lathe without many of the features of the standard model.

Research and development engineers have demonstrated ability to design a needed or better product. Production engineers continually show their ability to produce. They, working for the common good with management and labor, can develop an invincible team, bar none.

John W. Greve

EDITOR

WHATEVER YOUR CHUCKING PROBLEM

Cushman has the Answer

Cushman, A World Standard for Precision, manufactures a complete line of Air and Manually Operated Chucks to meet the work-holding requirements of modern machine tools.

Whatever your chucking problem, Cushman has the answer . . . it may be one of the standard chucks briefly listed below, or a special chuck designed and engineered specifically for one or more complex machining operations. Cushman has a tremendous background of experience in solving chucking problems such as those recently encountered in machining jet engine components. This experience is always at industry's service, through Cushman's Engineering Department. Consult Cushman for the answer to your chucking problem.

AIR OPERATED CHUCKS AND CYLINDERS

ALUMINUM BODY CHUCKS

Styles: 2 and 3-jaw.
Sizes: 6" to 15".

ACCRALOCK® SERRATED ADJUSTABLE JAW CHUCKS

Styles: 2, 3 and 2-3 jaw.
Sizes: 8" to 24".

MANUFACTURING CHUCKS

Styles: 2, 3 and 2-3 jaw.
Sizes: 8" to 24".

SCREW ADJUSTABLE JAW CHUCKS

Styles: 2 and 3-jaw.
Sizes: 8" to 24".

COMPENSATING JAW CHUCKS

Styles: 2 and 3-jaw.
Sizes: 8" to 15".

TWO-JAW GIB-TYPE AND ROUND BODY CHUCKS

Styles: Gib-Type — 8 1/4" to 18".
Round Body — 6" only.

COLLET CHUCKS

Styles: 3 and 4-jaw.
Holding capacity: 1 1/4" to 3 1/4".

ROTATING AIR CYLINDERS

Styles: Aluminum Body High
Speed — sizes 3 1/4" to 14".
Iron Body — sizes 8" to 20".

Also Accessory Equipment for operation and control of Air Operated Chucks and Cylinders.

* Reg. T.M.

CUSHMAN TURBINE WHEEL AND RING CHUCKS

A Cushman answer to a particularly difficult problem, these chucks were designed for machining jet engine components of small cross section without strain or distortion. A typical example of Cushman engineering.

MANUALLY OPERATED CHUCKS

INDEPENDENT CHUCKS

Styles: 4-jaw Light, Medium and Heavy
Duty. Sizes: 4 1/2" to 36".

SELF-CENTERING CHUCKS

Styles: 2, 3 and 4-jaw, Light, Medium
and Heavy Duty.
Sizes: 4" to 28".

COMBINATION CHUCKS

Styles: 3 and 4-jaw, Medium Duty.
Sizes: 8" to 18".

COLLET CHUCKS (Nose Type)

Collet styles: Round, Hexagonal or
Square.
Holding capacity: 1" to 3 1/4".

ACCRA-SET CHUCKS

For ultra-precision chucking.
Sizes: 6", 8", 10", 3 or 6-jaw.

AIR-TIGHT CHUCKS

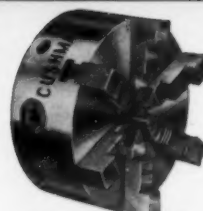
For wet or dry grinding.
Sizes: 10" min., 3-jaw.

THE CUSHMAN POWER WRENCH

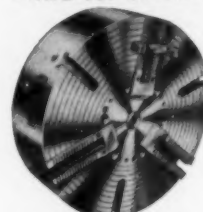
For opening and closing jaws on heavy chucks . . . constantly exerts predetermined uniform pressure. Reduces operator fatigue and speeds production. Bulletin Nos. 211D and 216 sent on request.

Catalogs No. PO-65 and No. 67 fully describe the chucks listed above and will be sent on request.

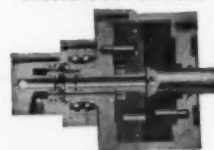
Special chucks and larger sizes on application.



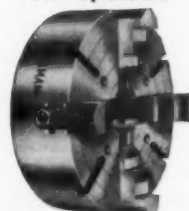
Accra-Set Chucks



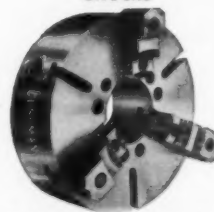
Accralock Chucks



Air Cylinders



4-Jaw Independent Chucks



3-Jaw Self-Centering Chucks



Power Wrench

11C557

THE CUSHMAN CHUCK CO.
806 WINDSOR STREET, HARTFORD 2, CONN.



SUPPLIERS DIRECTORY

...a new tool for
tool engineers

PRODUCTS
MANUFACTURERS
SALES OFFICES

YOU'RE HOLDING about three pounds of purposeful reading in your hands which should be worth its weight in gold by the end of the year, or the day. The next two pages tell you how to get the most "gold" out of this Suppliers Directory Issue.

Here are some reasons why the issue will be of value to you as a reader and ASTE member:

It's the first and only Suppliers Directory designed expressly for tool engineers—engineered for people like you who make the specification and purchasing decisions of manufacturing America. It's easy to use, with classified product listings cross-indexed for ready reference. It's authoritative and up to date, and will be kept that way through annual revision and expansion.

Most important, and most unusual, it differs from the usual "buyers guide" in that it provides the nearest local source of the product information you need. It's truly a national directory with a hometown flavor; local sales offices, distributors or individual manufacturer's agents, 19,200 of them, are indexed according to state and city.

The local distributor listings are in the big pink section, part of the directory's color dynamics that assigns blue to product listings and yellow to manu-

facturers. Each section is complete within itself.

For good measure, there are also special technical articles focused on the needs of tool engineers. One of the articles, starting on page 106, sets forth a numerical product coding system which should make a strong bid to become the standard product information filing system of manufacturing industry.

For the first time in its quarter-century of publication, THE TOOL ENGINEER has expanded its schedule to 13 issues per year. This bonus issue, the Suppliers Directory, has been planned and printed solely to provide a solid new service to ASTE members and to industry. The need for a complete product information service, to supplement the regular issues of THE TOOL ENGINEER and the Society's Tool Shows, was determined by an ASTE-sponsored survey carried out by A. T. Kearney & Co., nationally known management engineering consultants. This year-long study substantiated the basic premise on which this directory was planned—that tool engineers need a source book giving facts not only on manufacturers and their products, but also on local sources.

The editors hope this issue will prove useful to you and that you will have many occasions to use it.

how to use the —SUPPLIERS

The Suppliers Directory has been arranged for the convenience of the user. This directory, with its three sections, goes one step beyond the usual directory service by providing a direct avenue of reference from product to both manufacturer and local source of supply.

All of the information presented in the directory was provided by the manufacturers themselves. Their cooperation and assistance has made it possible for THE TOOL ENGINEER to publish this complete and authoritative reference work.

The step-by-step procedure for using this directory is outlined at the right. A brief review of the convenient system for looking up Products, Manufacturers and Sales Offices will demonstrate the quick reference potential of the directory.



PRODUCTS

BLADES, SAW, CIRCULAR—13-092

Albertson & Co., Inc.
American Cutter & Engineering Corp.
Atkins Saw Div., Borg Warner Corp.
Black & Decker Mfg. Co., The
Circular Tool Co., Inc.
Coastal Abrasive and Tool Co., Inc.
Curtis Mfg. Co.
Delta Power Tool Div., Rockwell
Mfg. Co.
Deluxe Saw & Tool Co.

MANUFACTURERS

ALBERTSON & CO., INC.

3100 Lowell Ave.
Sioux City 2, Iowa
Cal. 121, 356, 880, 1402—Colo. 120—
Conn. 348, 378—Ga. 41—Ill. 1022, 1254—
Ind. 363—Kan. 31—Ky. 19—Mass. 398—
Mich. 1250, 1344—Minn. 134—Neb. 27,
69—N. Y. 11, 413—N. C. 173—Ohio 1512—
Okla. 23—Pa. 117, 335—S. D. 10—
Tenn. 125—Tex. 242, 558—Wash. 206,
364—Wis. 255

SALES OFFICES

CALIFORNIA

DOWNEY

120. Lindberg Engineering Co.
11937 S. Regentview Ave. (4)
SP 3-1987
121. Post, Neal A.
10308 S. Julius Ave. (8)
TO 2-6446
122. Productool, Inc.

DIRECTORY

PRODUCTS: The blue section of this directory lists alphabetically those products which tool engineers specify and use. Under each product heading is a list of manufacturers who can supply that product. Wherever possible, duplicated headings have been avoided—for example, there is no general heading for "Mechanical Presses", but the manufacturers are listed under specific types of mechanical presses such as "Straight Side", "Cap Frame", etc. The numerical coding system presented on pages 105 to 113 provides a key to the nomenclature used in this section. Once the manufacturer of a given product has been identified in the products section, the user of this directory should refer to—

MANUFACTURERS: This section, color coded yellow for easy reference, provides an alphabetical list of 2,500 manufacturers of the products outlined in the blue section. Following the name and home office address of each manufacturer is a coded listing of his sales outlets. In cases where no sales office listings have been provided, the user may contact the manufacturer direct. The code numbers, such as Cal. 37 or Mich. 4, are the keys to the third section of this directory, which is the—

SALES OFFICES: The pink section, geographically arranged, lists over 19,200 distributors, representatives, branch offices and agents who handle the products of manufacturers listed in the yellow section. Within each state, all cities are listed alphabetically and within each city, the sales offices are similarly alphabetized. Mailing addresses, postal zone numbers (in parentheses) and phone number are provided. The number preceding each listing is the key by which the distributors are identified in the manufacturers section. These numbers are sequential within each state, so positive identification may be made quickly. Canadian sales offices are listed separately, following the United States listings.



QUALITY CONTROL CAN SAVE YOU TOOL DOLLARS, TOO!

Winter taps do last longer and consistently produce more accurately tapped holes.

Quality controlled manufacture of Winter taps starts with the metallurgists on the tool steels and continues through every step of

production and inspection.

The lead checking machine shown here indicates deviations of lead of .0001" or less. This is typical of the thoroughness that assures you the peak efficiency and economy you expect from Winter taps.



USE READER SERVICE CARD, CIRCLE 3



Call your distributor for standard and special Winter Brothers Balanced Action Taps, Dies and Gages.

WINTER BROTHERS COMPANY
ROCHESTER, MICHIGAN, U.S.A.

Distributors in principal cities. Branches in New York, Detroit, Chicago, Dallas, San Francisco and Los Angeles, Division of National Tap and Die Company.



BUILT-IN QUALITY ASSURES YOU EXTRA VALUE

The value of a cutting tool cannot be judged by price alone. Performance and quality of work produced is the result of constant research, experience in design and exact quality control through every stage of manufacturing.

National assures you both Efficiency and Economy because at National . . . the quest for finer Quality never ends.



CALL YOUR NATIONAL DISTRIBUTOR
Twist Drills • Reamers • Counterbores
Milling Cutters • End Mills • Hobs
Carbide and Special Tools

NATIONAL TWIST DRILL AND TOOL COMPANY

ROCHESTER, MICHIGAN, U.S.A.

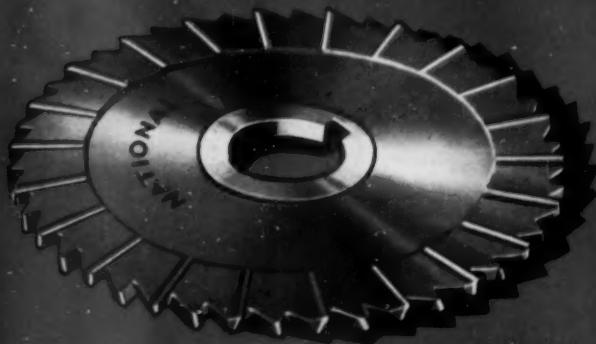
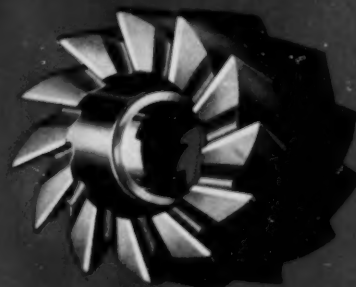
Distributors in principal cities. Branches in
New York; Detroit; Chicago; Dallas; San Francisco
and Los Angeles.



NEW AT NATIONAL . . .

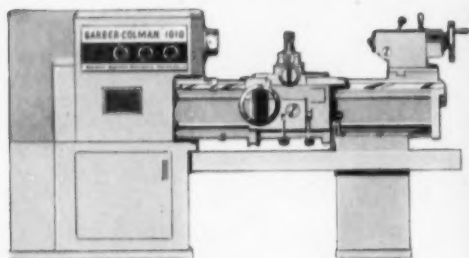
Here's the latest addition to National's big line of end mills. The new twin drive heavy duty end mill. This makes the National line as complete as any end mill line available.

National

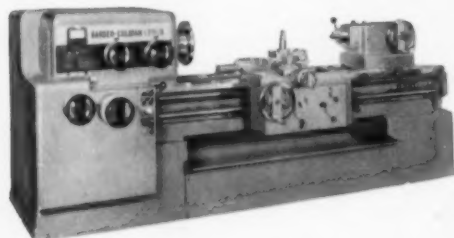


Tools, methods, and machines

...that reduce costs of milling, hobbing, deburring,
sharpening, turning, and reaming

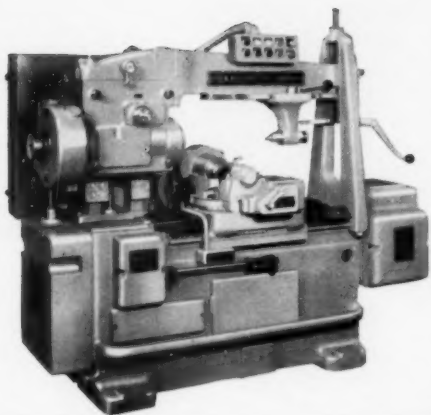


No. 1610FT facing and turning lathe — offers toolroom quality at substantial cost saving for straight turning, facing, and boring. Belt drive assures high surface finish. Has infinitely variable spindle speed with max. of 1500, 2000, or 2500 rpm. Power feed to carriage and cross slide infinitely variable from .079 to 24 in. per min. Completely ground spindle mounted on precision-tapered roller bearings, equipped with automatic thermal compensation to maintain constant load. Capacity: 10 1/8 in. swing over cross slide, and 30 in. center distance (extra lengths in 12 in. increments). Toolroom lathes in sizes of 1307 and 1610 also available.

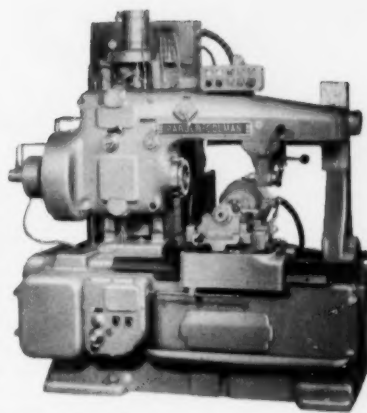


36-speed, precision lathes, Models 2013 and 2516, with up to 25 hp and 2000 rpm spindle speed. Quick-change feeds from .0015 in. to .091 in. Cut 66 threads, 2 to 120 per inch. Heavy-duty two-speed tailstock. Available with tracer.

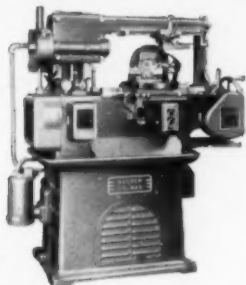




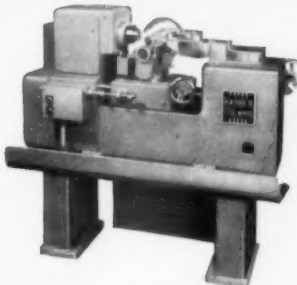
No. 16-18, universal hobs precision spur and helical gears, or splines. Available with automatic hob shifter. Multicycle version offers choice of three automatic cycles — reduces nonproductive time, increases flexibility. Capacity: to 6 DP, 16 in. dia. by 16 in. length. Max. hob dia. is 5 in.



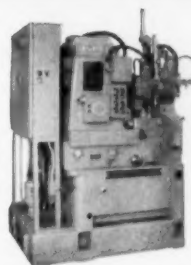
No. 14-15, hydraulic has fully automatic cycle, high power and rigidity for hobbing coarse-pitch gears or splines to close tolerances. Capacity: $3\frac{1}{2}$ DP, 14 in. dia. by 15 in. length. Hob dia. to 6 in. Automatic shifter available. May be tooling at factory for hobbing crowned gears.



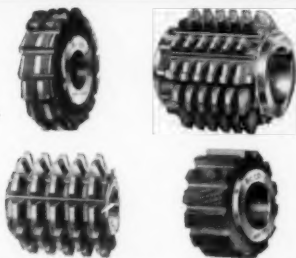
No. 6-10, general-purpose horizontal hobbing machine, for spur and helical gears, splines, and other forms. Capacity: to 16 DP, 6 in. dia. by 10 in. length. Standard or precision models. Special tooling for worms and worm gears.



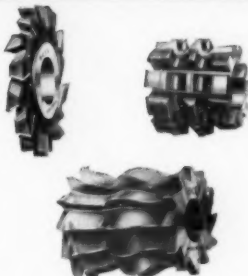
No. 2 1/2-4, spur gear hobbing machine guaranteed to index accurately within 20 sec. of arc. Produces AGMA precision Class 3 gears consistently. Capacity: 30 DP in steel, 2 1/2 in. dia. by 2 1/4 in. length. Infinitely variable speed.



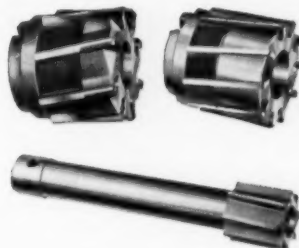
No. 3-6, automatic production hobbing machine for long-run work. Loads, hobs, gauges, and unloads automatically. Equipped with automatic hob shifter and micrometer adjustment for setting center distance. Capacity: to 6 in. length, and 10 DP at max. dia. of 3 in. (steel).



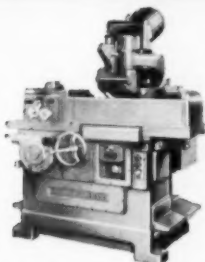
Gear hobs of all types, pitches, and classes: standard or special, ground or accurate unground, fine pitch or coarse, HSS or carbide-tipped . . . for gears, splines, serrations, worms, and worm gears. Complete stock of standards available for same-day shipment.



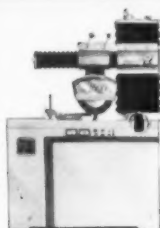
Milling cutters of virtually every type and design, including all standard stock cutters, special profile-type and form-relieved, ground or unground, HSS or carbide-tipped.



Reamers include solid or inserted blade, shell or shank type, oil feed and precision jig boring, HSS, solid carbide, or carbide-tipped blades. Complete design service available.



No. 6-5, hydraulic automatic precision sharpener for HSS or carbide-tipped hobs and form-relieved cutters — straight or helical gashes. Work up to 6 in. dia. and 5 in. face. Produces 10 to 20 microinch finishes. Automatic mechanical feed sharpeners available for 4 in. dia. by 4 in. face, and 10 in. dia. by 12 in. face.



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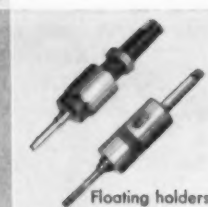
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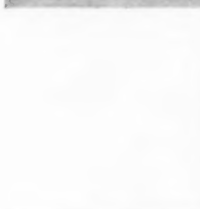
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Floating holders



Quick-change chucks



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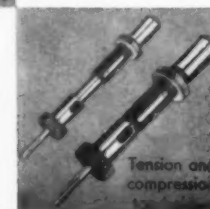
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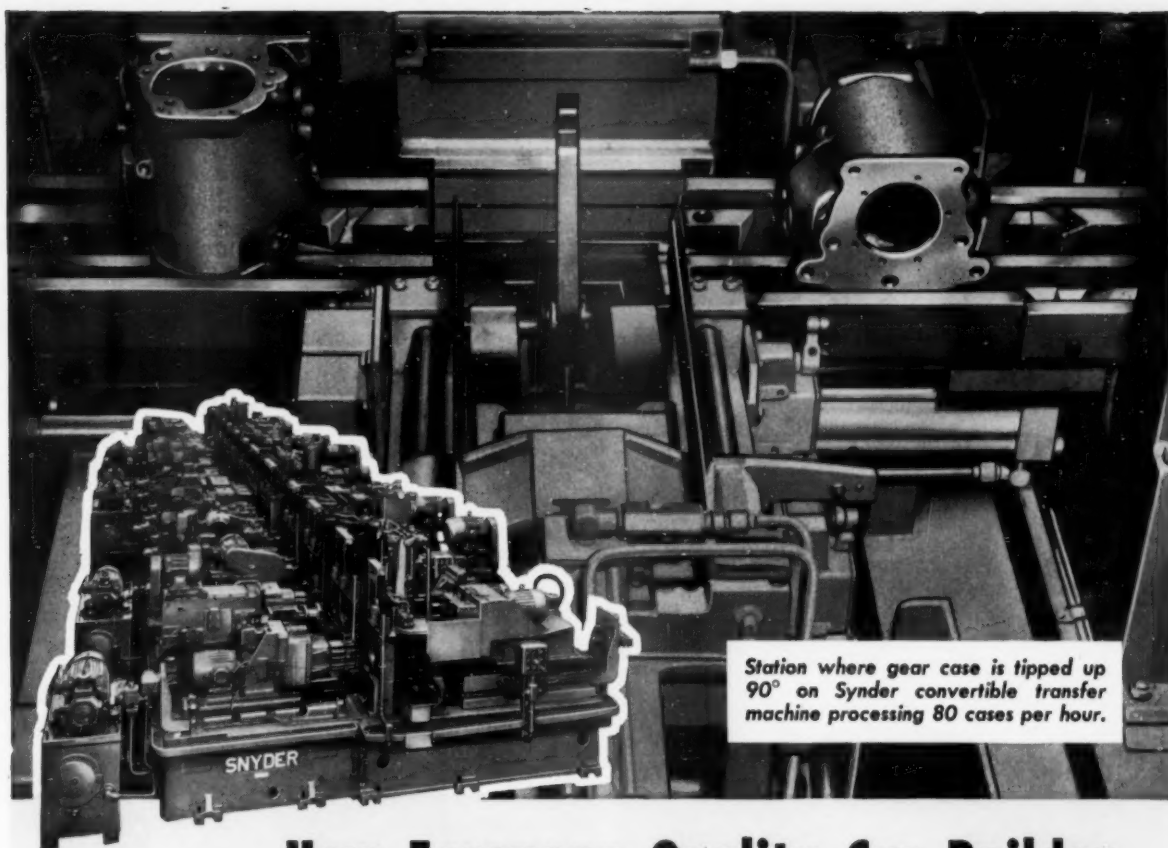


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★ ★ ★

Let us show you how to SNYDERIZE FOR THE SOARING SIXTIES for more efficient parts handling, gaging, assembly and machining. Send or phone for new brochure with resume of Snyder machines engineered for profit improvement.

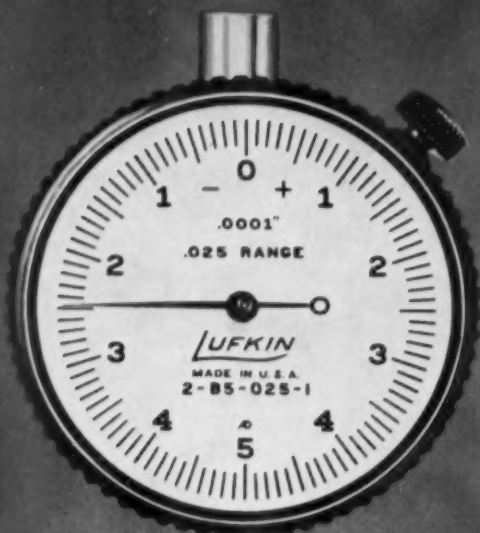
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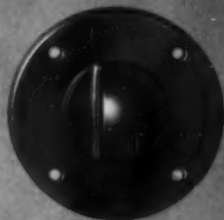


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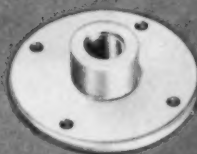
D22 Offset Back



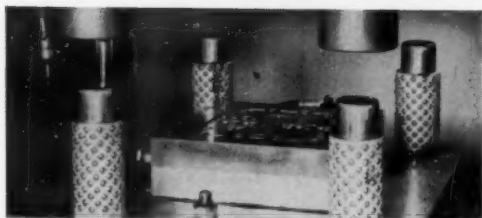
D23 Adjustable Back



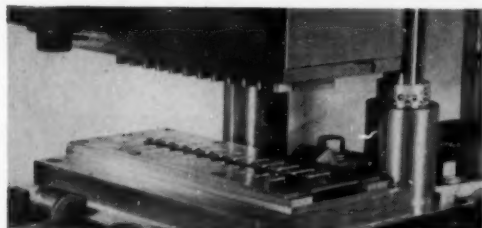
D24 Post Back



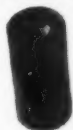
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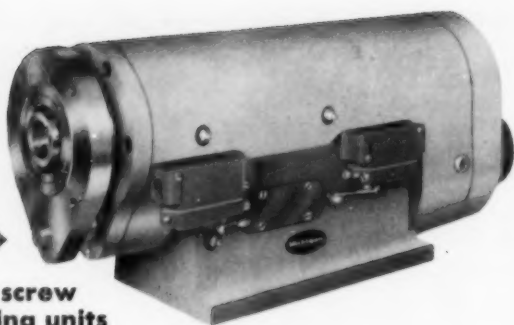
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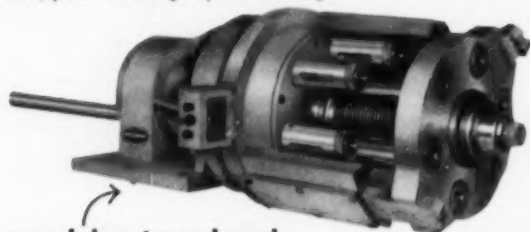
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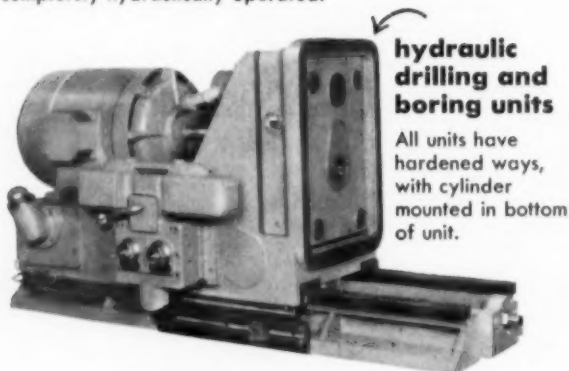
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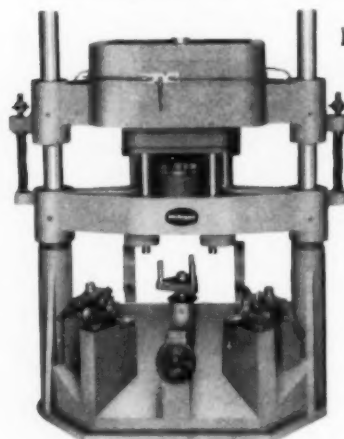
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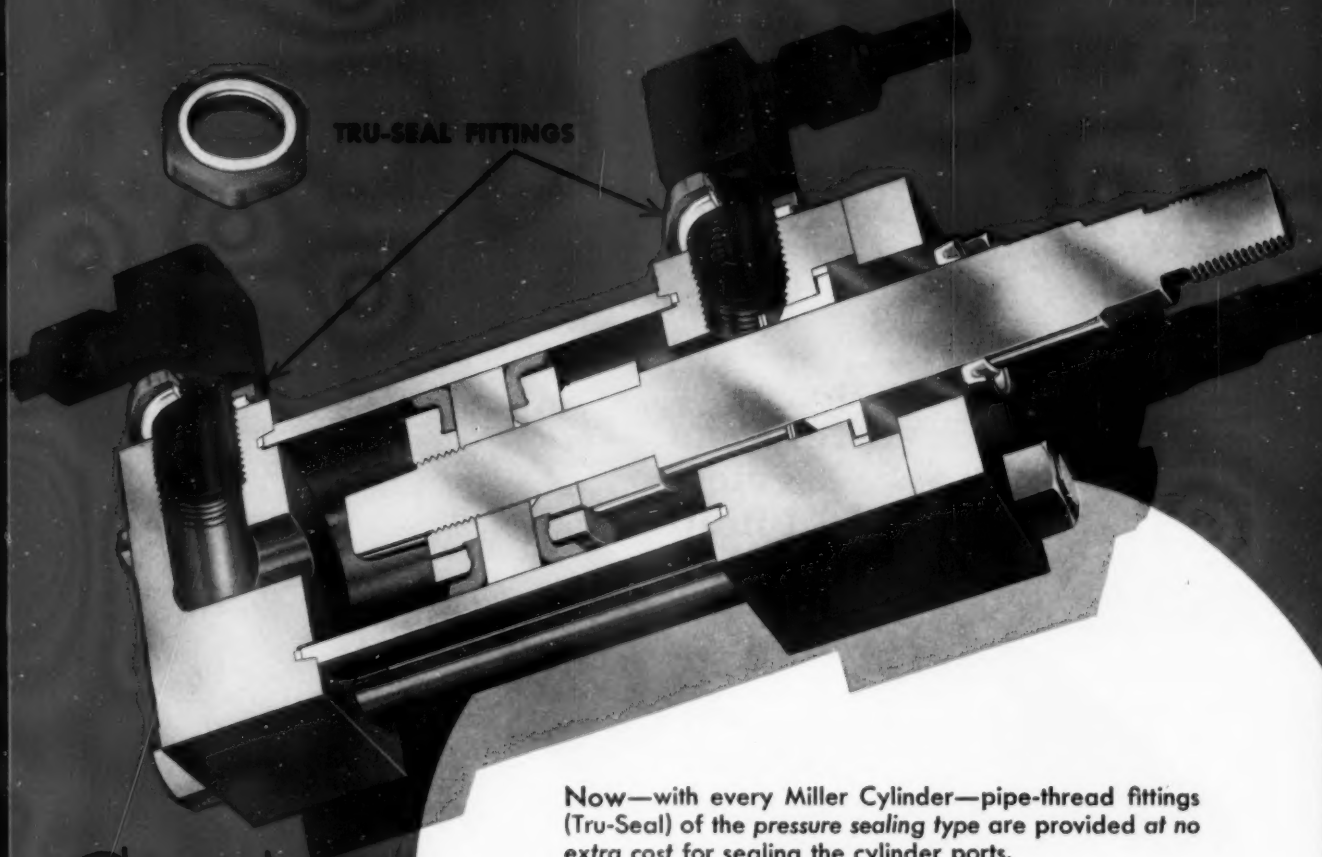


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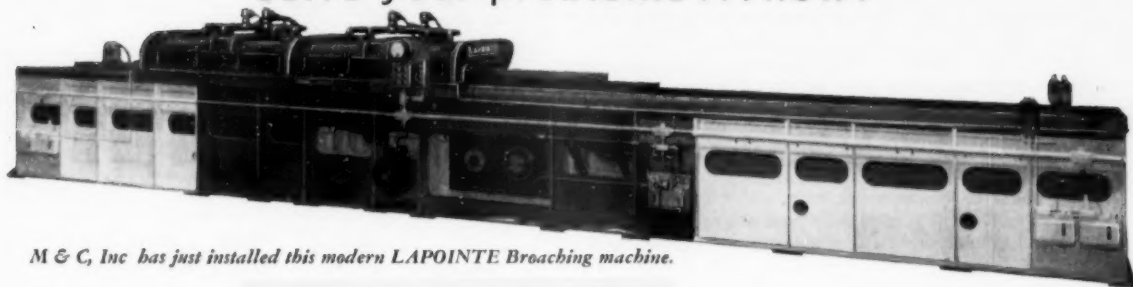
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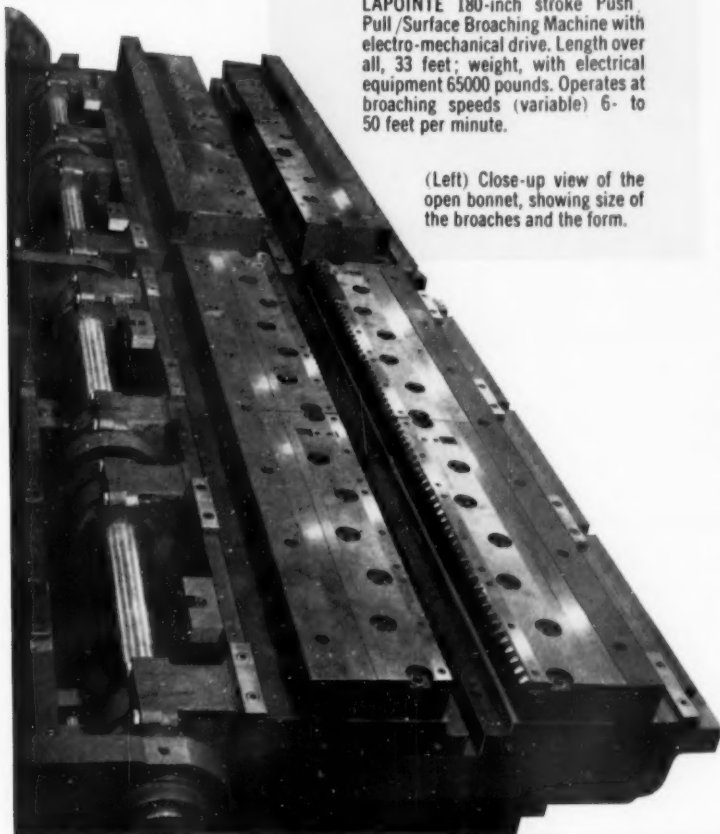
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(Left) Close-up view of the open bonnet, showing size of the broaches and the form.



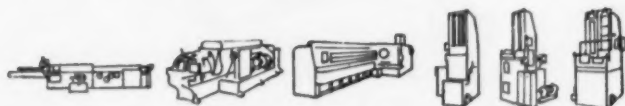
No one can equal Lapointe's experience in broaching the difficult metals used in today's jets, missiles and nuclear power plants. As far back as 1950, we were broaching test specimens of zirconium — and our research and experimentation have kept abreast of all the metals and alloys in this critical field. This Lapointe machine is broaching zircalloy, one of the latest developments of our fast-moving atomic age. Tolerances are close, the part is thin, and five feet long! Production is amazingly fast—about 100-to-1 against another metal-removing method that was being used.

Lapointe has been recognized as the undisputed leader in the art of broaching, with nearly sixty years of engineering experience to draw on, *exclusively in broaching*. All of this valuable background is available to you. A request will bring a Lapointe Field Engineer to your plant, promptly.

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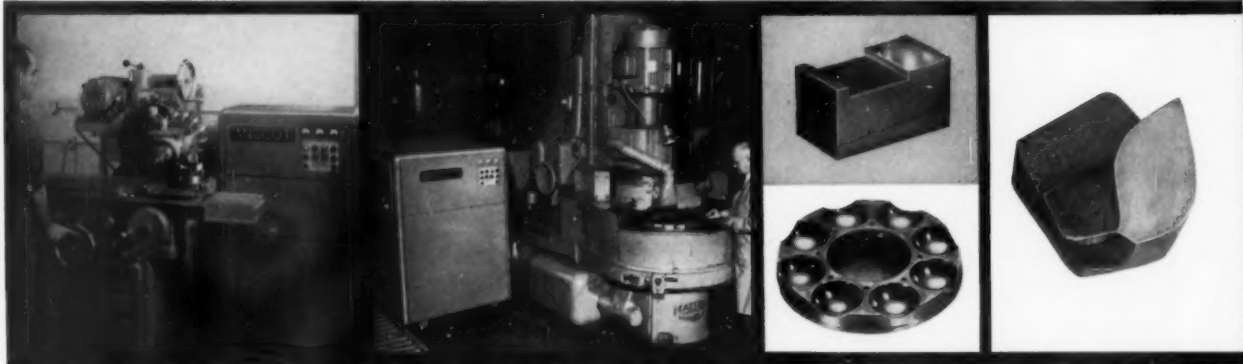
on ANOCUTTM Electrolytic Machining

INDIRECT COSTS —Hidden Gold Mine

Perhaps cost reduction programs, value analysis committees and the like have placed too much emphasis on reducing unit costs by modernizing and powering up production tools. Indirect costs—factory burden, has too often been a neglected area in such studies. Labor hours spent in reconditioning tools and cutters add dollars and cents to unit costs just as truly as do those of a turret lathe operator. Yet, the equipment and techniques used in many grinding cribs today are substantially the same as 20 years ago. This heretofore neglected area must also be up-dated and made competitive, and few if any areas in a modern shop or plant offer an investment opportunity as likely to produce such dramatic dividends, a forgotten gold mine of savings.

It's easy to talk about indirect costs. Here is what Anocut is doing about them.

- Abrasive costs reduced 80-90 per cent.
- No rejects due to heat checks or cracks.
- Reduces consumable tool purchases.
- Broken tools and "scrap" carbide reclaimed.
- Regrind throwaways for 10% of original cost.
- Excellent finish and no saw-tooth edges.
- "Push-button" grinding.
- Make form tools from standard blanks. No premium priced preforms.
- Grind carbide and steel simultaneously.
- Faster grinding on most grades.
- One grind only. Separate roughing and finishing not required.



Regrinding carbide tipped milling cutter. Each tooth is plunge-ground on a face-type wheel to a positive stop. Cutter is then indexed and the next tooth is plunged to the same stop. Extremely low wheel wear allows cutter to be finished in one indexing, regardless of amount to be removed, resulting in substantial savings in abrasive costs and grinding time.

Single pass machining of carbide tipped milling cutter blades, removing carbide and steel simultaneously. Using Model 1500 ampere Anocut unit on Mattison vertical spindle machine, .005" to .008" of carbide is removed in a single pass. Abrasive costs are reduced 80 per cent, production increased, scrap virtually eliminated.

Slot ¼" by ¼" by .100" ground in hard carbide in one pass in 60 seconds. Electrolytic grinding offers fast, inexpensive method for bulk removal of carbide.

Eight spherical radii ground in 416 stainless piston pump part (35 Rc) 6-8 microinch finish, reducing machining time 40 per cent.

High speed steel tool. New higher powered supply units provide rapid removal and good finish on resharpening dovetail and circular form tools. Non-diamond wheel used.

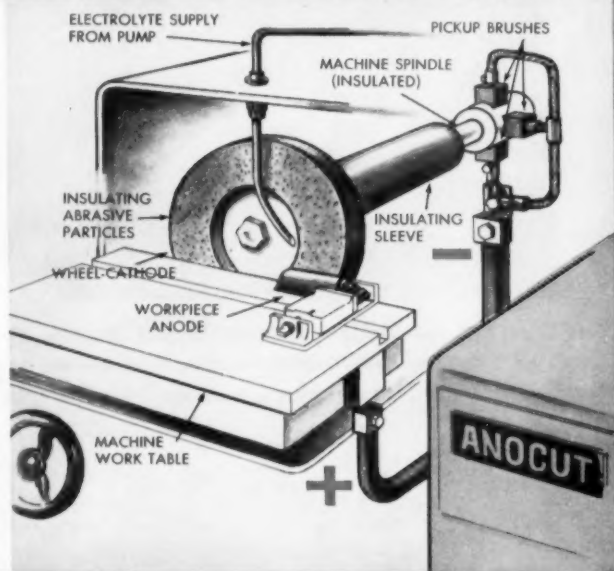
HOW IT WORKS

Electrolytic removal may be considered as the reverse of electroplating. The workpiece, which must be metallic, is made the anode in the circuit. The metal bonded abrasive grinding wheel is made the cathode. Short circuiting between the two is prevented by the protrusion of spacer abrasive particles from the surface of the wheel. A conductive water-base electrolyte fluid flows across the surface of the wheel, passing the current between the workpiece and the metal wheel. The automatically controlled direct current supplied by the Anocut unit causes the workpiece to dissolve without chips, as the abrasive particles of the wheel maintain size and finish.

Anocut Electrolytic Machining should not be confused with the spark-discharge or ultrasonic-impact methods. In the Anocut process, metal is removed by electrochemical action as in electroplating, not by arcs or sparks. The work is not immersed in oil, but is fed into the wheel just as in conventional machining.

Not magic, but an established scientific principle underlies Anocut Electrolytic Machining. The removal rate on any metal is in strict accordance with Faraday's Law, which states that the amount of metal removed is directly proportional to the number of amperes passed through the electrolyte fluid. If the number of amperes is doubled, the volume of material removed is doubled. The current which is passed is determined in large part by the area of contact between the wheel and the work. Hardness and tensile strength are not important. As a general rule, approximately .100 cubic inches of material can be removed per minute with each 1000 amperes. If 2000 amperes are passed, the removal will be doubled, to approximately .200 cubic inches. Accordingly, the wheel-work interface area should be maximized and every effort made to pass the maximum amount of current.

The electrolytic machining process, pioneered by Anocut is covered by U.S. Patent No. 2,826,540. Others pending.



From Alnico to Zircaloy ... Advantages and Limitations

Common soft metals, in most cases, can today be machined or ground fast and inexpensively, with no special problems. Anocut Electrolytic Machining is not recommended as a replacement for the grinding wheel or milling cutter on such jobs. But this new method of removing metal by electrolysis should be considered on any metal-removal application in which conventional methods create problems of abrasive cost, slow speed, thermal damage, burrs, layover or smear, finish, rapid tool breakdown, collapsing thin sections, maintenance of form, or size control.

Because the bulk of the metal is removed by electric current flow you gain these advantages ...

- Hardness or tensile strength have little effect on the removal rate.
- Wheel breakdown and abrasive cost per piece are drastically reduced.
- Unmachineable metals can be worked.
- Fragile or heat sensitive parts are machined with speed.
- Good finishes are obtained that are free of layover, smear and abrasive or cutter marks.
- Tool costs are slashed.

Materials from A to Z, and many having only a number, are now being machined electrolytically. Tool and design engineers more and more are specifying harder and tougher materials, knowing that a practical method is now available for working them.

The leading machine tool builders listed below have assisted Anocut in introducing this new machining concept to industry. Some have complete lines of electrolytic machines; others offer their standard equipment with the necessary alterations incorporated. Still others have designed special equipment to take full advantage of the fact that Anocut now offers as standard equipment automatically controlled electrolytic supply units with output capacities of 50 amperes to 3000 amperes. Higher capacities, up to 120,000 amperes, are available on request. Leading abrasive manufacturers have also been of tremendous help in developing diamond and non-diamond wheels for all applications, replacing milling cutters in some cases.

Anocut's sole business is the engineering of applications for this potent new metal removal procedure and the manufacture of electrolytic power supply units and electrolyte solutions.



Aluminum die casting, faced against disc-type wheel to produce flat sealing surface. Raw and finished parts shown. Flatness held under .0005". Feed is .0015" per second. Current required is 1200 amperes. All edges are burr-free.

Leading and trailing edges of gas turbine bucket plunged against flat surface of disc-type wheel. An average of .100" removed in 25 seconds. No heat damage, and no burr.

Spot weld inspection. Nugget and tiny hole in center clearly exposed. This job previously done by slow etching and lapping procedure. Now done on Anocut Model 300 and face type wheel.

Model SCE-6, one of complete line of tool grinding machines made by Hammond Machinery Builders for Anocut electrolytic grinding. Wheel oscillates, table is mounted on ball bearing ways, MistKollector is incorporated, and air feed can be used for "push button" grinding.

Compound contouring of stainless steel honeycomb is now an accomplished fact. Sample shown is absolutely burr-free. Other production installations involving flat machining of this material have been operating successfully for years.



Front interior view of Model 300, showing placement of power components, fuse cut-outs, and quick demountable control chassis for automatic voltage regulation.

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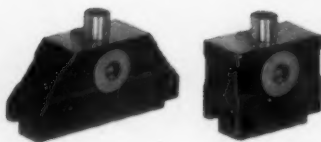
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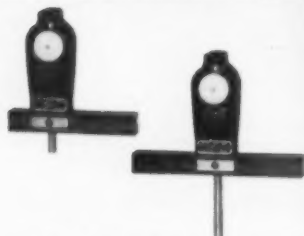
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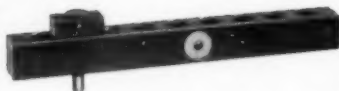
Gage component application in special design demonstrated to process and design engineering personnel by special appointment. Write for particulars.



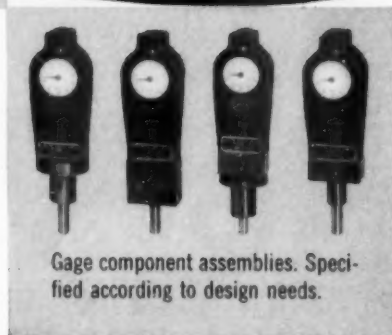
Davis mobile demonstrator.

A. G. DAVIS GAGE & ENG. CO.
21435 DEQUINDRE RD. • HAZEL PARK, MICHIGAN

World's leading manufacturer of gage components for special flush pin and indicator type gages.



Long series bar type flush pin gage blanks. 78 model sizes available from stock.



Gage component assemblies. Specified according to design needs.

Quality... the best economy of all



He does a better job when he can see what he's doing

You increase operator efficiency as well as production when you use transparent, heavy-duty Sunicut cutting oils. Operators work better, because Sunicut oils let them see tools and workpieces, see the finish, see micrometer graduations.

Sunicut oils don't stain hands and clothing. They pump easily, wet metal fast, and give excellent extreme-pressure lubrication.

To prove to yourself the economy of Sun quality, ask your Sun representative to help you select the right grade of Sunicut for your heavy-duty cutting requirements. Or write to SUN OIL COMPANY, Dept. I-13, Philadelphia 3, Pa.

In Canada: Sun Oil Company Limited, Toronto and Montreal.



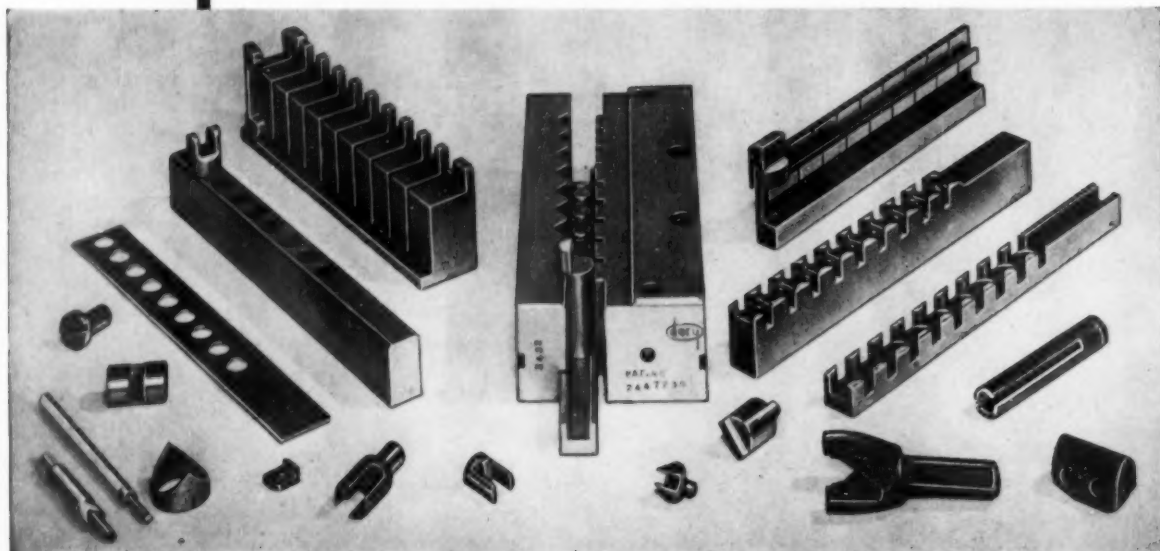
MAKERS OF FAMOUS CUSTOM-BLENDED BLUE SUNOCO GASOLINES





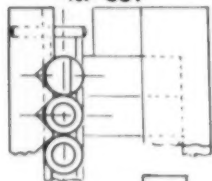
(PATENTED)

Equalizing **GANG VISE** **JAWS or FIXTURES**



Up to 4 to 1 Savings!

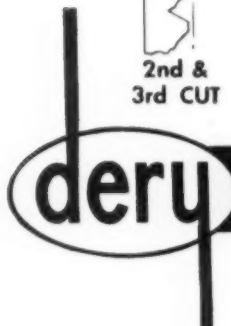
JAW or SLIDE
1st CUT



Gang Load — while you Machine with DERY TRAYS!

You, too, can speed up your production line with these real time and labor saving devices. The Dery Gang Vise is being used today by manufacturers of countless types of products where speed and economy of operations is a "must". The adaptability of this unique tool is remarkable. Notice the wide range of parts shown above and the different cuts in each—all being held and produced on Dery Gang Vises.

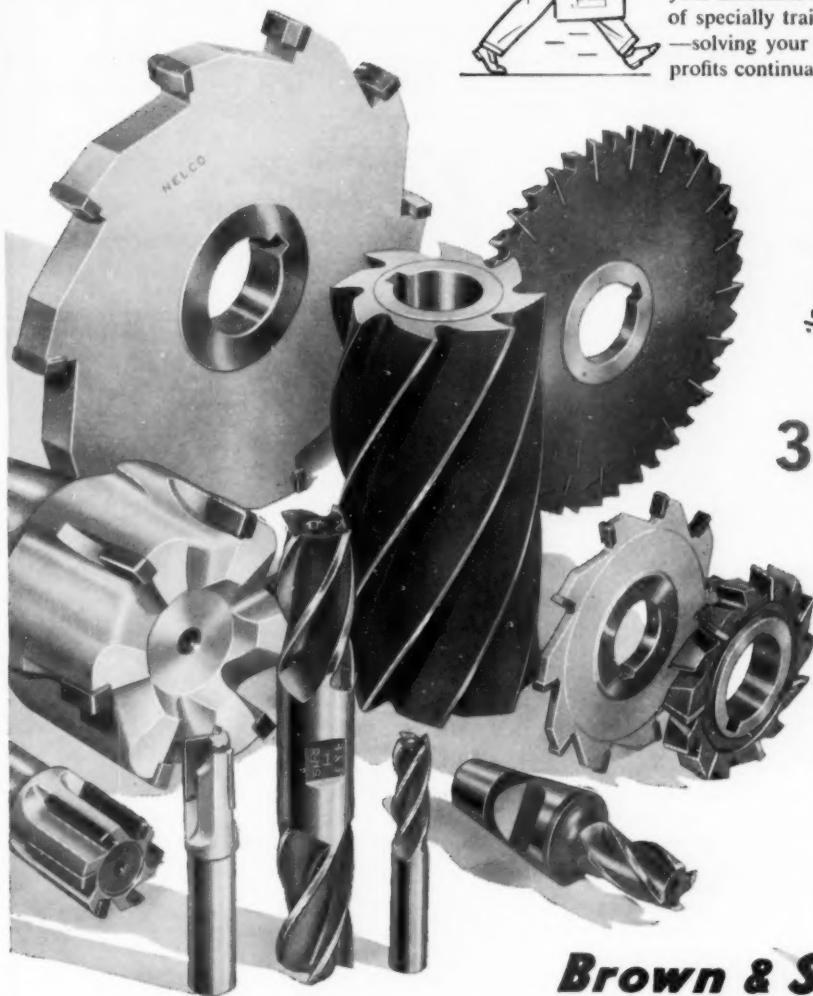
Now, with the new Dery Loading Trays, you can load (line in relation or index) while you mill with locating accuracy to within .002 center or angle relation to 15 minutes. *One end is machined in perfect relation to the other.* Many sided cuts—triangle, square, hex, etc. Parts usually difficult to handle because of their shape and size are efficiently produced on the Dery Gang Vise... and economically too!



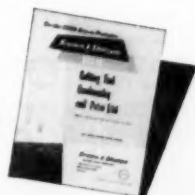
TOOL AND DIE COMPANY

10 MAIN STREET • PINE MEADOW, CONNECTICUT
SEND PRINTS OR SAMPLE PARTS FOR FREE QUOTATION.

HOW TO CUT PRODUCTION COSTS 3 WAYS WITH *Brown & Sharpe* Cutting Tools & Tooling Service!



Send for "Condensalog" to:
Cutting Tool Division,
Brown & Sharpe Mfg. Co.,
Providence 1, Rhode Island.



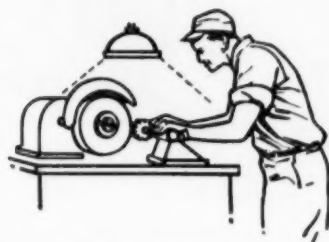
1 3300 Different "Standard" Cutters and Accessories from Stock!

B. & S. High Speed Steel, Nelco Carbide Tipped and Solid Carbide Tools available off-the-shelf through a network of the country's finest industrial distributors. Speedy delivery from the world's largest line of cutting tools ends wonder, worry and waste... eliminates the need for costly "specials" time and time again. Remember B. & S. Productionneered Cutting Tools improve milling profits 3 ways.



2 Cutting Tool Engineering Service in Every Major Metal Working Center!

— And, this engineering service is available to trouble shoot tough milling problems in your plant... on your machines at no extra cost. It's like having a staff of specially trained cutter engineers working for you — solving your problems... improving your milling profits continually. Yes, B. & S. Productionneered Cutting Tools and Specialized Services improve milling profits 3 ways.



3 B. & S. Cutter Regrinding and Modification Centers To Serve You!

Factory trained cutting tool specialists in strategically located factory supervised cutter centers help B. & S. customers continually. Expert cutter regrinding, cutter modification and cutter repair adds dollars to milling profits by saving shipping, waiting and eliminating costly down time. Ask your B. & S. Distributor for the location of your B. & S. Cutter Service Center. Remember, when you specify B. & S., you benefit 3 big ways!

There's a B. & S. Distributor around the corner from you—everywhere. Call him today!

Brown & Sharpe
CUTTING TOOL DIVISION

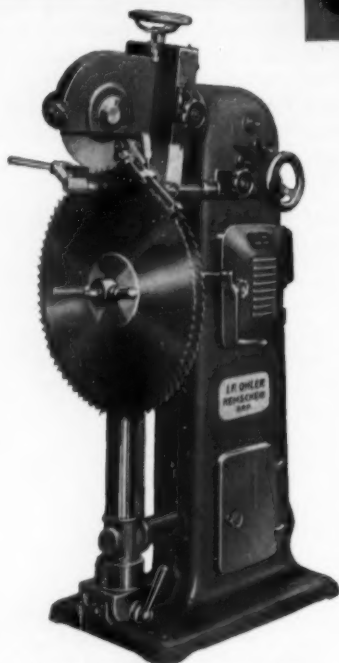
HIGH SPEED STEEL CUTTERS
NELCO CARBIDE TOOLS
END MILLS



FOR THAT EXTRA EDGE IN PRODUCTION

Ohler

Hydraulic Cold Sawing Machines Segmental Saw Blades & Sharpeners

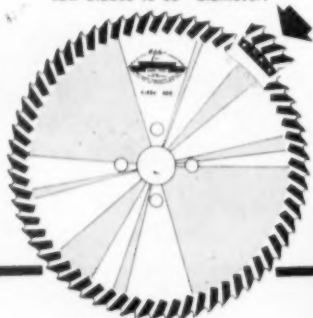


Model 1500 Semi-Automatic Saw Sharpening Machine.

Model 1500 OHLER Saw Sharpening Machines will grind the curved tooth form, and chamfer the alternate high teeth to produce the "Triple Chip" which is so essential to modern cold sawing.

OHLER Segmental Saw Blades are available in sizes from 10" to 63" diameter and in a wide range of pitches. Can be supplied with bore and drive pin holes for any machine application. They are recognized as the SUPERIOR Segmental Saw Blade. The present blade is the result of constant research and improvement in materials and manufacturing methods. Made by the originator of the modern segmental saw blades now in general use.

OHLER, Original segmental saw blades to 63" diameter.



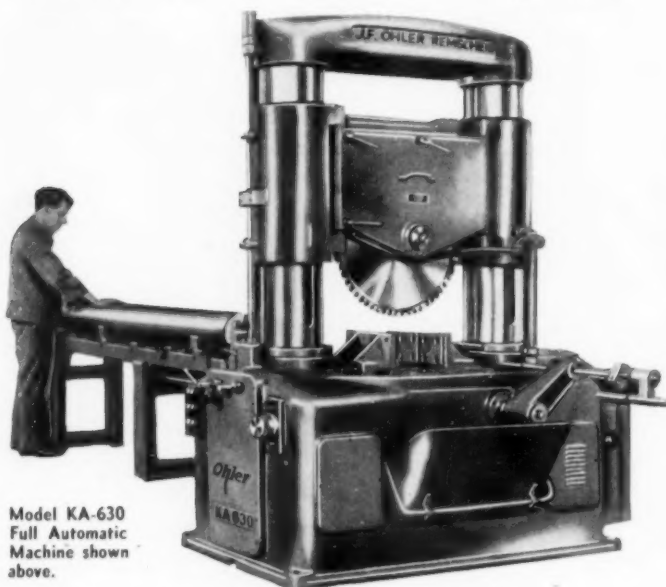
Segmental saw blades and saw sharpening machines are recognized throughout the world as the most advanced, economical and durable cold sawing equipment and have been installed in most of the leading industrial plants in this country and throughout the world.

OHLER Hydraulic Cold Sawing Machines are made in three sizes in the following capacities:

**Models 400 and 630 are available for both automatic and semi-automatic operation.*

CAPACITIES

*Model K 400.....	5" Round
*Model K 630.....	10 1/4" Round
Model K 1000.....	15 3/4" Round



Model KA-630 Full Automatic Machine shown above.

Send for Price List and new descriptive Catalog on Segmental Saw Blades which contains invaluable information for your Purchasing Department and those responsible for obtaining economies in the use and proper maintenance of Segmental Saw Blades.

DEALERS:

CLEVELAND:
Commercial Saw & Tool Co.

PITTSBURGH:
Merit Machinery, Inc.

HOUSTON:
A. J. Rod Company, Inc.

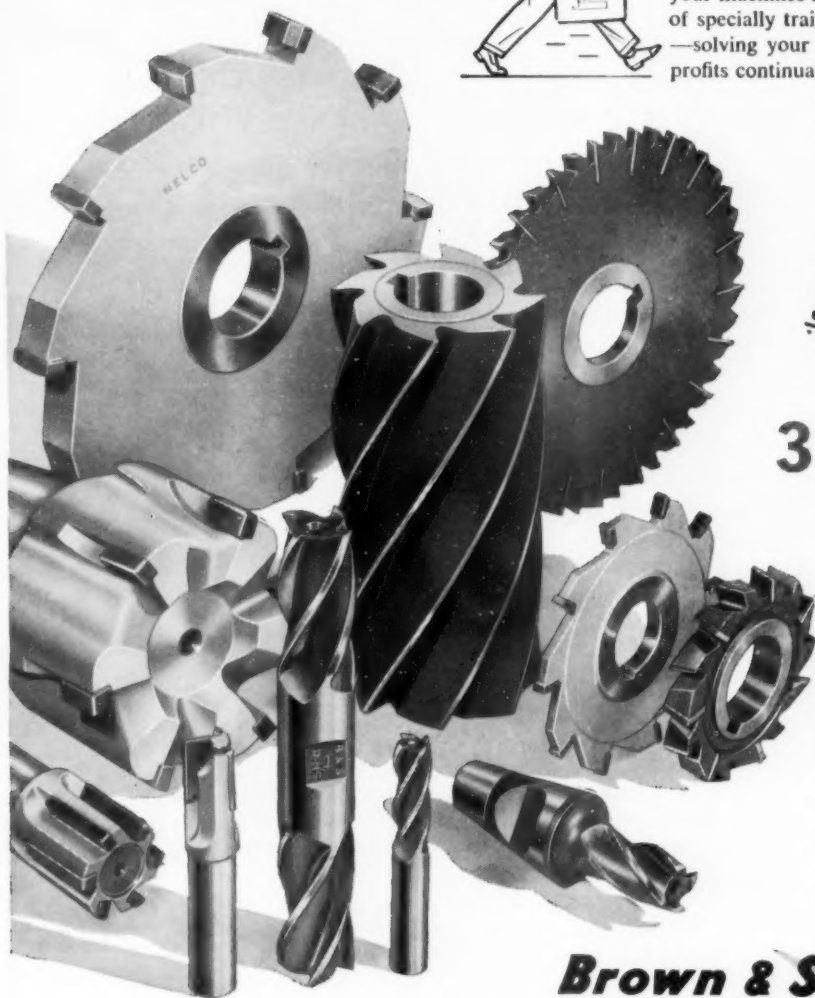
WASHINGTON, D.C.:
Terry, Inc.

CANADA:
A. R. Williams Machinery Co.,
Ltd. Toronto

EXCLUSIVE FACTORY DISTRIBUTOR Throughout U.S. and Canada
WO 1-4522

JAMES W. GEORGE MACHINERY CO.
519 E. Jefferson Ave. Detroit 26, Mich.

HOW TO CUT PRODUCTION COSTS 3 WAYS WITH *Brown & Sharpe* Cutting Tools & Tooling Service!



Send for "Condensalog" to:
Cutting Tool Division,
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Brown & Sharpe CUTTING TOOL DIVISION

HIGH SPEED STEEL CUTTERS
HELCO CARBIDE TOOLS
END MILLS



FOR THAT EXTRA EDGE IN PRODUCTION

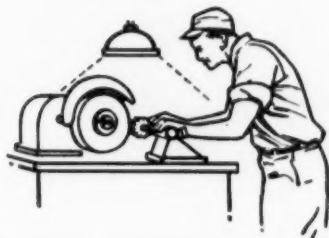
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B. & S. High Speed Steel, Nelco Carbide Tipped and Solid Carbide Tools available off-the-shelf through a network of the country's finest industrial distributors. Speedy delivery from the world's largest line of cutting tools ends wonder, worry and waste . . . eliminates the need for costly "specials" time and time again. Remember B. & S. Productioneered Cutting Tools improve milling profits 3 ways.



2 Cutting Tool Engineering Service in Every Major Metal Working Center!

And, this engineering service is available to trouble shoot tough milling problems in your plant . . . on your machines at no extra cost. It's like having a staff of specially trained cutter engineers working for you — solving your problems . . . improving your milling profits continually. Yes, B. & S. Productioneered Cutting Tools and Specialized Services improve milling profits 3 ways.



3 B. & S. Cutter Regrinding and Modification Centers To Serve You!

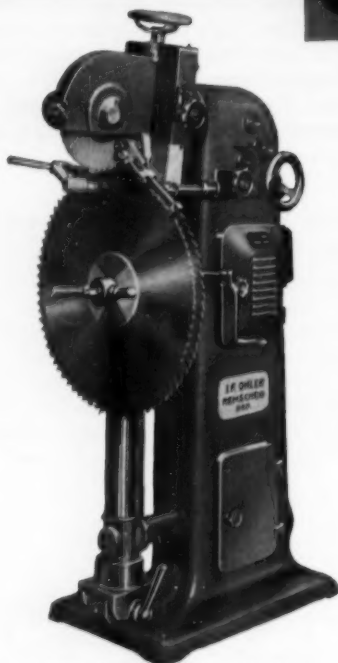
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There's a B. & S. Distributor around the corner from you—everywhere. Call him today!



Ohler

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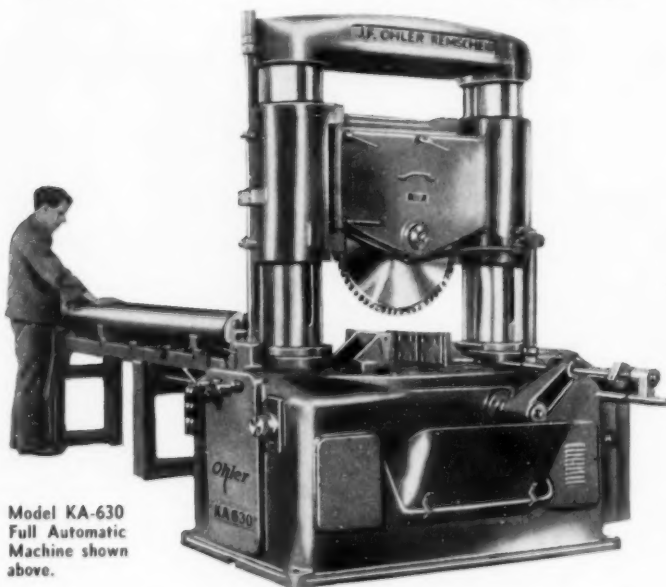
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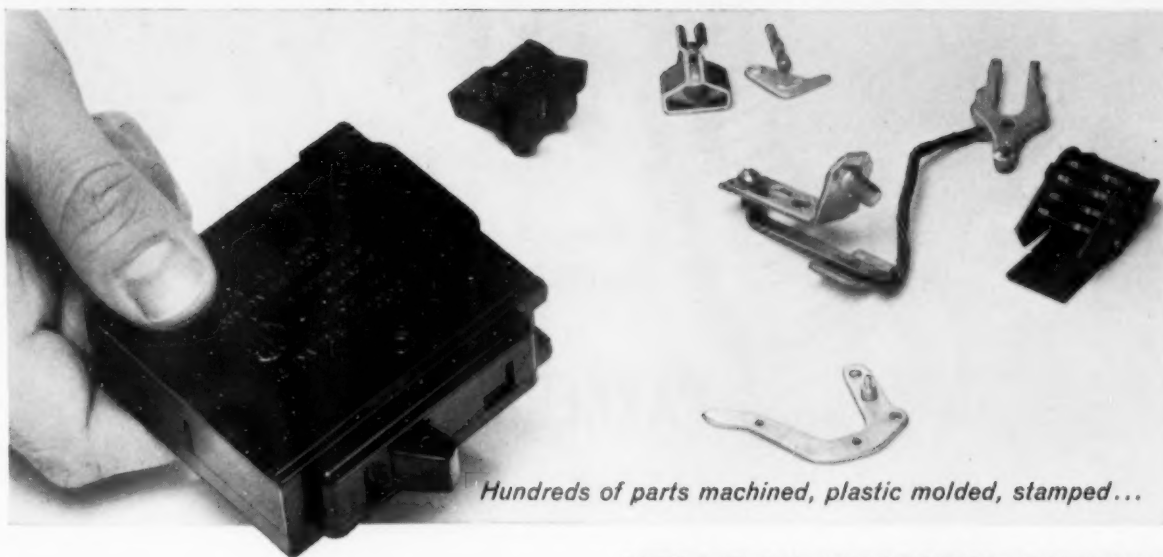
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JAMES W. GEORGE MACHINERY CO.
519 E. Jefferson Ave. Detroit 26, Mich.



Hundreds of parts machined, plastic molded, stamped...

YET I-T-E'S INSPECTION FORMULA GUARANTEES PRECISION AS PRODUCTION RATES MULTIPLY!



Optical gaging inspects these tiny circuit breaker parts, in some cases seven times faster than hand methods. Permits more thorough, often more accurate, inspection of linear dimensions, hole diameters and locations, radii, angles and contours.

"We've found a practical method to retain precise quality in the many small parts we make to go into our circuit breakers," says the Small Air Circuit Breaker Division of I-T-E, in Philadelphia.

"That method makes *full* use of optical gaging with our Kodak Contour Projectors. They're in constant use to improve our quality and avoid production headaches at the same time.

"Starting in *receiving*, all components from our suppliers are optically checked to save later production snags. Tool and die samples and experimental parts in the *tool room* are optically checked. And finally, we inspect parts right in the *production* line. This way, inspection bottlenecks just don't happen."

Here are just a few reasons why I-T-E and other firms find inspection with a Kodak Contour Projector fast and accurate:

Parts and fixtures are easy to set up, even large parts.

You have a constant 8" of working space regardless of magnification.

You can easily see and check what you're inspecting because there's brilliant, uniform illumination over the entire screen area, and the image is always erect and unreversed—at any magnification you select.

To learn more about these and other features of the Kodak Contour Projector and how they can ease your inspection problems, write for the booklet, "Kodak Contour Projectors."

Special Product Sales

EASTMAN KODAK COMPANY, Rochester 4, N. Y.

the KODAK CONTOUR PROJECTOR

Kodak
TRADE MARK



A COMPLETE LINE
TO MEET EVERY REQUIREMENT!

Precision-made PARKER-KALON® Socket Screws

You get *more* for your purchasing dollar with Parker-Kalon Socket Screws. P-K's rigorous quality-control program eliminates all "doubtful" screws—makes certain all P-K Socket Screws delivered to you, are *above* normal standards in efficiency and endurance—*guaranteed* first quality.

<p>SOCKET HEAD CAP SCREWS</p>  <p>Heads are of uniform diameter. Threads Class 3A tolerance. Available in standard sizes from #0 to 1½" diameter in alloy steel and from #0 to ½" diameter in stainless steel. Also available in new Pre-Lode style (see below).</p>	<p>SOCKET SET SCREWS</p>  <p>Precision Class 3A threads, standard in Cup Point from #0 to 1" and in Flat, Oval, Cone and Half-Dog Points from #0 to ½". Cup Point also available in stainless steel.</p>	<p>SHOULDER SCREWS</p>  <p>Threads Class 3A tolerance. Heads are concentric with body for uniform, accurate assembly. Available in standard sizes from ½" to ½" diameter.</p>	<p>FLAT HEAD SOCKET CAP SCREWS</p>  <p>Seats flush when countersunk. Heads have uniform 82° angle. Threads Class 3A tolerance. Special alloy steel, heat treated. Available in standard sizes from #4 to ½".</p>	<p>BUTTON HEAD SOCKET CAP SCREWS</p>  <p>Heat treated alloy steel. Accurate hex sockets make for non-slip driving, prevent mutilated heads. Threads Class 3A tolerance. Standard sizes from #4 to ½".</p>	<p>DOWEL PINS</p>  <p>Available in .0002" standard oversize and .001" oversize for repairs. Precision ground. Dimensionally accurate.</p>	<p>HEX KEYS</p>  <p>Made of special analysis alloy steel, scientifically engineered. Heat treated for optimum physical characteristics. Made to close tolerances.</p> <p>SOCKET PIPE PLUGS</p>  <p>Standard sizes 1/16 to 1½" available in either Dry-seal (N. P. T. F.) or Standard (A. N. P. T.).</p>
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the new P-K® PRE-LODE

1960 Series

Socket Head Cap Screw

AVAILABLE FROM AUTHORIZED P-K DISTRIBUTORS AT NO INCREASE IN COST!

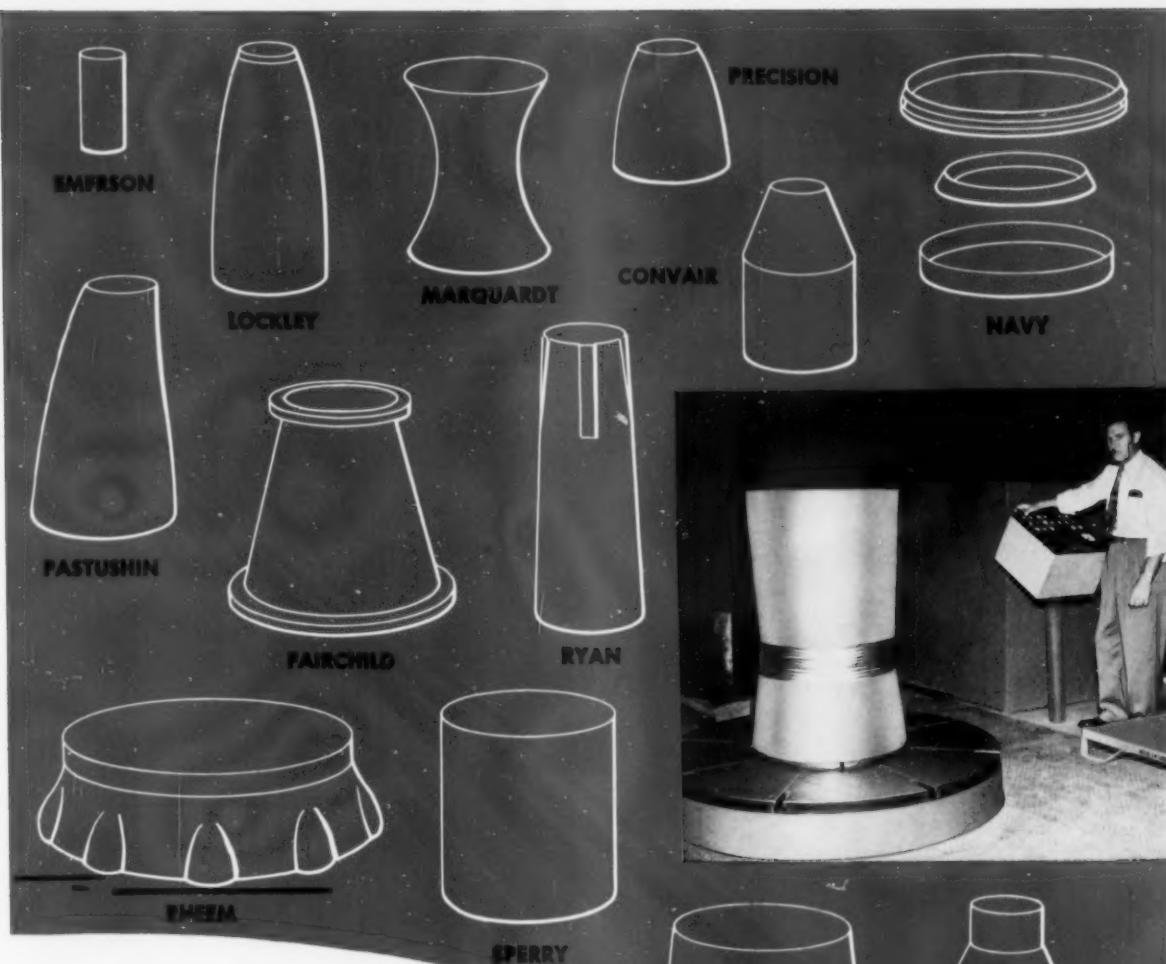
Now . . . Parker-Kalon's new PRE-LODE Socket Head Cap Screw gives you *greater bearing surface under the head than ever before!* Takes higher torque . . . pre-loading . . . for maximum holding power without danger of marring or indenting softer materials. Greater load carrying capacity—better functioning in holes having a greater body clearance. In many cases, the socket has been enlarged to allow more wrenching area. Standard sizes from ¼" to 1" are Size-Marked for easy identification.



PARKER-KALON

FASTENERS

Parker-Kalon Division, General American Transportation Corporation, Clifton, New Jersey.
Offices and Warehouses in Chicago and Los Angeles.
KEEP AMERICAN INDUSTRY AT WORK . . . BUY P-K . . . MADE IN U.S.A.



TOOL ENGINEERS say:
"form it on an

➔ **ARROWSMITH** ➔ **HYDRA-SIZER™**

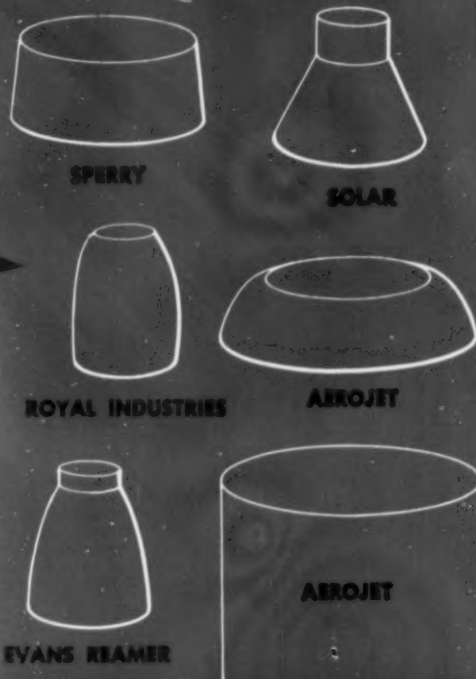
.002 tolerance on diameter and contour is common on the Arrowsmith.

Machines ranging from 50 tons to 600 tons capacity are in use all over the world, forming and sizing material ranging from .032 to 3" in thickness and 10,000 to 200,000 psi tensile strength."

We will run your parts or build machines for installation in your plant.

Let us show you how the Arrowsmith will solve your sizing problems.

Technical information available.



ARROWSMITH TOOL & DIE CORP. 9700 Bellanca Ave., Los Angeles 45, Calif.



LET US QUOTE OUR
PRECISION ROLLED
SPUR GEARS & SPLINES

SMOOTHER MORE ACCURATE
STRONGER LOWER IN COST

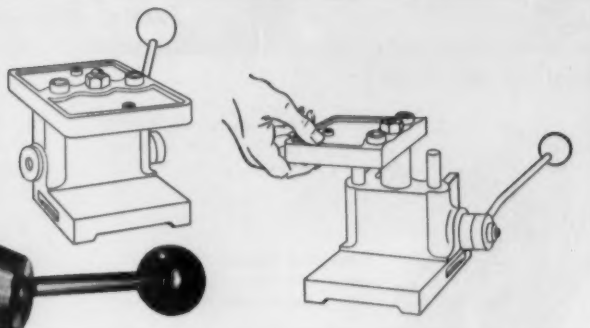
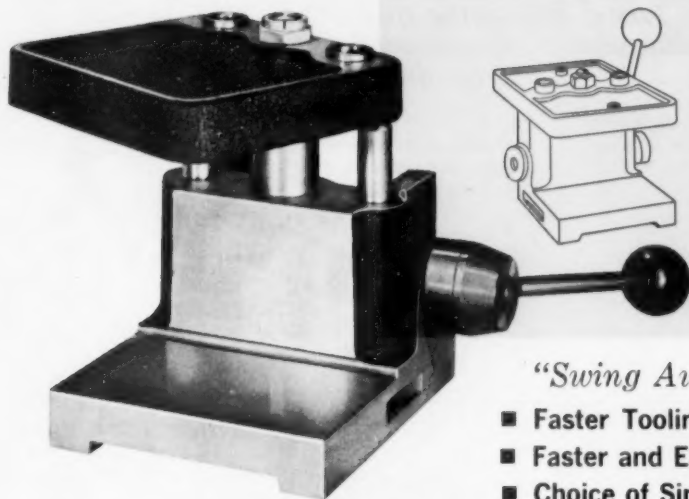
GROB GEAR ROLLING MACHINES

EXCLUSIVELY MFD. BY GROB INC.

GRAFTON, WIS.

tool quickly for long or short runs!

ABC LIFT SWING DRILLING FIXTURES

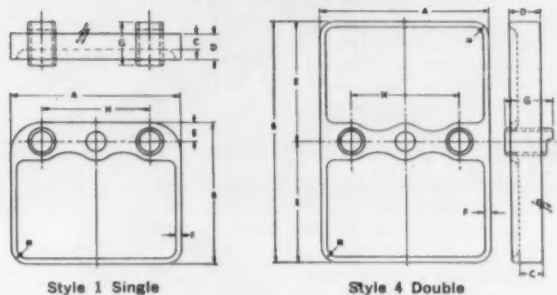


"Swing Away" features give you ...

- Faster Tooling-Up
- Faster and Easier Drilling Operations
- Choice of Single or Double Top Plates

INTERCHANGEABLE TOP PLATE ENGINEERING DATA

Top Plate Dimensions



Top Plate Sizes

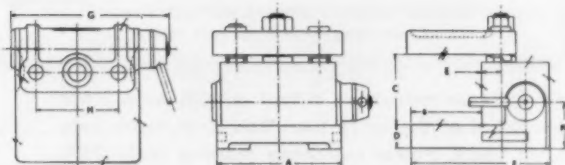
Top Plate Style	Top Plate Number	A	B	C	D	E	F	G	H	R
1	2201	2 1/4	2 1/4	1/2	1/2	7/16	—	3/4	1 1/2	3/16
4	2204	2 1/4	3 1/4	1/2	1/2	1 1/16	—	3/4	1 1/2	3/16
1	3201	3 1/4	3 7/16	1/2	1/2	3/4	—	1	2 1/2	3/16
4	3204	3 1/4	5 1/4	1/2	1/2	2 1/16	—	1	2 1/2	3/16
1	4201	4 1/4	3 1/4	1/2	1/2	3/4	3/16	1	2 1/2	1/2
4	4204	4 1/4	6 1/4	1/2	1/2	3 1/4	3/16	1	2 1/2	1/2
1	5301	5 1/2	5	3/4	1	3/4	3/16	1 1/2	3 1/2	3/4
4	5304	5 1/2	8 1/4	3/4	1	4 1/4	3/16	1 1/2	3 1/2	3/4

Larger sizes and other style single top plates available.

IMPORTANT: When ordering Complete Assembled Lift Swings, specify first 3 digits of Base Number and 1 or 4 to indicate the style of Top Plate desired. EXAMPLE: LS-3221 = 3220 Base with 3201 (Style 1) Top Plate.

FIXTURE BASE ENGINEERING DATA

Fixture Base Dimensions



Top View
(Top Plate Removed)

Front View

Side View

Fixture Base Sizes

Lift Swing Base Number	A	B	C	C Shut	C suggested	C Open	D	E	F	G	H	R
2220	2 1/4	1 1/4	1 1/2	1 1/4	2 1/4	1	1/2	3/4	3/4	1 1/2	1 1/2	1 1/16
3220	3 1/4	2 1/4	2	2 1/4	3	1	1/2	4 1/2	5	2 1/2	2 1/2	1 1/16
4220	4 1/4	2 1/4	2 1/2	2 1/2	3 1/2	1	1/2	5	5	3 1/2	3 1/2	1 1/16
5330	5 1/4	3 1/4	3	3 1/4	4 1/4	1	1	6 1/4	6 1/4	3 1/2	3 1/2	2
5340	5 1/4	3 1/4	4	4 1/4	5 1/4	1	1	6 1/4	6 1/4	3 1/2	3 1/2	2
5350	5 1/4	3 1/4	5	5 1/4	6 1/4	1	1	6 1/4	6 1/4	3 1/2	3 1/2	2

Larger sizes available. For tooling suggestions and complete engineering data write for Catalog LS-58.



ACCURATE BUSHING COMPANY

443 North Avenue, Garwood, N. J.

NOW 200 NEW AIR TOOLS

*to help you cut fastener costs
and increase output!*

assembly machines



The ultimate in fastener and assembly efficiency — whether it's to automate a single nut running operation or a complete assembly line.

Screw driver with automatic feed for one or more screws—readily adjustable for various screw spacings.

screw drivers

More than 94 new sizes and models featuring instant push button reverse, renewable trigger bushing, wider operating range, more power and more accurate control.



Self-sealing rubber faced throttle valve simplifies maintenance.

ratchet wrenches

Designed for close quarter nut running, these wrenches combine the powerful "Multi-Vane" air motor with a simple, efficient ratcheting mechanism.



Like all I-R ratchet wrenches, Model 001JW can be used for removing nuts, by simply turning tool over.

angle wrenches (torque control)



Adoption of these new Torque Control Angle Wrenches expands I-R's line, making it the most complete on the market. Unique feature is automatic torque control valve which shuts off air to the motor when nut is run to pre-determined torque.

Built in torque control is a feature of this I-R size 3BPT. Torque ratings range from 5 to 100 ft. lbs.

impacttools (torque control)

Revolutionary new Torsion Bar Torque Control provides control never before possible. Basic principle is I-R's time-tested, exclusive ball and cam impact mechanism.



Speed and flexibility of famous I-R impacttool is combined with maximum torque control in this Model 5040T.

Easiest way for you to cut production costs and increase man-hour output is with new, more efficient air tools. Tools shown here are representative of the more than 200 new, more productive tools added to the I-R line in the past two years. Power increases ranging up to 75% help to cut costs on fastening operations.

For detailed information about the complete I-R line of cost-cutting Air Tools—call or write your nearby I-R office.

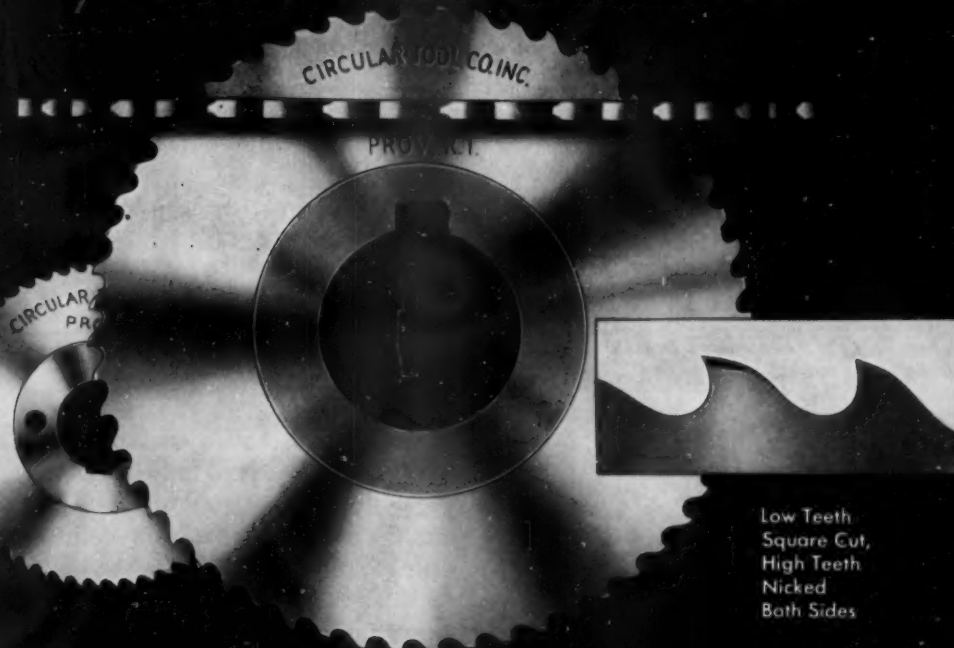
8-080



Ingersoll-Rand

Tools plus AIRengineering
increase output per man

Deep Cutting Saws...



Low Teeth
Square Cut,
High Teeth
Nicked
Both Sides

CIRCLE [®] Heat-treated To Better Your Production

CIRCLE R Deep-Cutting saws for slitting and cut off enable heavier feeding due to curled chip disposal action, gain longer life through efficient tooth design. And in the making, our special methods achieve superiority that shows up in your performance records. We make a superior saw, then heat treat with exclusive techniques and equipment. Circle R Heat Treating perfects our products with scientific precision — to better your production.

Consult these CIRCLE R Specialists...

BURBANK
Production Mach. Sales Inc.

CHICAGO
Donald Robertson & Co.

CLEVELAND
Production Tool Co.

DAYTON
J. R. Kuntz Company

DETROIT
A. D. Spruce

HACKENSACK
The Eaton Company

INDIANAPOLIS
Walter F. Greene & Assoc.

MILWAUKEE
Ford Tool Co.

MONTREAL
Humphrey B. Walton

NEW YORK CITY
J. B. Cremonin (Expert)

PHILADELPHIA
General Tool Sales Co.

PHOENIX
DiEugenio Tool Center

PITTSBURGH
Ralph Esposito & Company

PROVIDENCE
Fred J. McMillen

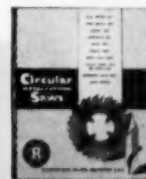
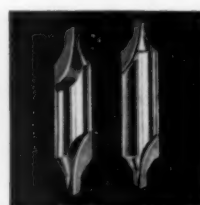
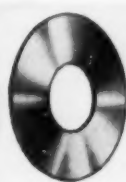
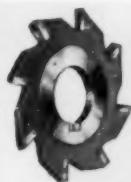
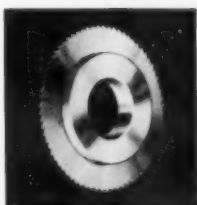
ROCHESTER
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PROVIDENCE 5, RHODE ISLAND
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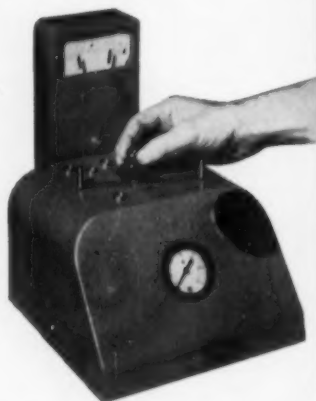
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For checking diameters, dimensions, roundness, etc.

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One of four sizes. Made to AGD specifications.



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For desk, bench or at-the-machine inspection of small parts.

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Masters of Measurement...

For more than half a century, Ames measuring instruments have been regarded as the finest made. Today the constantly growing line of Ames indicators, gauges, micrometers and comparators includes such amazingly accurate instruments as the new Ames "PORTA-CHECK", an electronic comparator which gives accurate readings in *millionths of an inch*; and the new Model AG air gauge—also accurate to millionths of an inch. Wherever precision is *really* important... you'll find Ames "masters of measurement" on the job.

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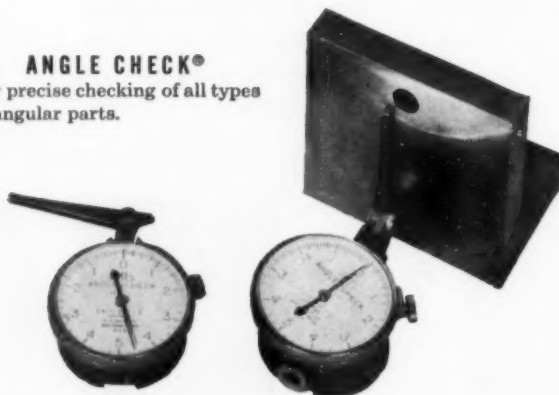
30 Ames Street, Waltham 54, Mass.

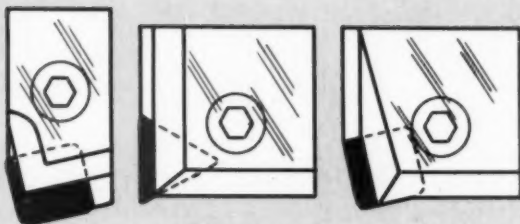
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For precise checking of all types of angular parts.



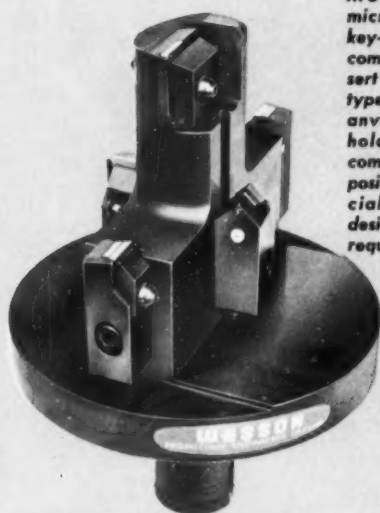


TYPICAL STANDARD WESSON COMPONENTS

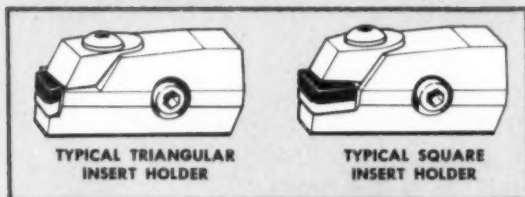
carbide TOOL NEWS

BUILDING BLOCK TOOLING

- **Easier to design for special applications**
- **Maintained with smaller inventories of parts**
- **Greater accuracy in production**

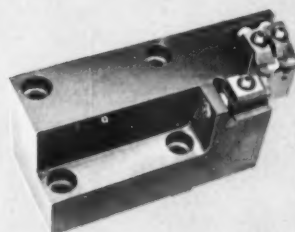


MULTIPLE-POINT micro-adjustable and key-type boring quill combines standard insert holders of several types and a standard anvil-clamp unit. To hold these standard components in correct positions, a simple special body has been designed around their required locations.



TYPICAL TRIANGULAR
INSERT HOLDER

TYPICAL SQUARE
INSERT HOLDER



TOOL BLOCKS can be designed with the same standardized components that are used to bore and chamfer. This tool is used to rough turn and face transmission parts. Standard micro-adjustment units permit rapid setup, and each square insert has eight cutting edges.

Any time the word 'special' is mentioned to a production engineer, he unconsciously winces. He wants the added production or the better quality that can come with specials but he does not want to have to justify the extra first cost to his boss.

All tools start out as specials but when a market is built up for a particular design, it is standardized. Now, carbide-tool producers are leading the way to greater standardization and to more widespread use of carbides.

Standard components first became normal practice with the introduction of band-type and throw-away insert type holders. The carbide slugs and inserts, and the holders had to have standard dimensions. This was so obvious that nobody recognized what it meant—either to users or producers.

It is difficult to maintain brazed-in cutting points that have to be accurately ground in relation to the tool body and to each other. However, multiple-point throw-away tooling has been used sparingly because it is the most complex of the special tools. But all production engineers recognize the tremendous advantages that are possible when several operations are combined in one tool.

Gradually, carbide throw-aways and slugs have been applied to special multiple-point tools, and the problems of grinding and setting disappeared. It is only necessary to grind off the slug and adjust it or index the insert, and the tool is ready for re-use.

Wesson recognized that most of the special multiple-point tools they were designing were made from just a few types of components. With this recognition, came an intensive investigation to determine how few different components would cover the majority of special-tool needs.

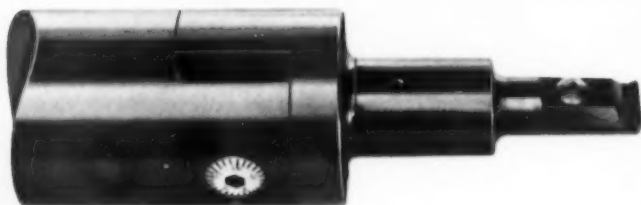
Wesson now has about 20 standardized insert holders (see inset at left) for triangular and square inserts of different sizes, and with positive and negative rakes, few of which are needed in any one tool. They have 4 standardized anvil-clamp units (see examples at top of page) for square and triangular inserts. Standardized micro-adjustable units can be applied to most bars or heads to allow for axial or radial adjustments.

(continued on next page)

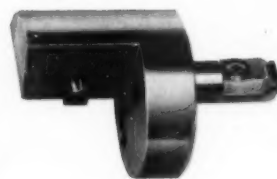
Wesson Announces

NEW INTERCHANGEABLE HEAD BORING BAR

- Head is micro-adjustable
- Boring bar covers range from $\frac{1}{2}$ " to $1\frac{1}{2}$ " ID



BORING BAR AND $\frac{3}{4}$ " HEAD



$\frac{1}{2}$ " HEAD

Carrying on the 'building-block' idea one step further, Wesson now has designed a micro-adjustable boring bar that can carry interchangeable heads for boring holes from $\frac{1}{2}$ to $1\frac{1}{2}$ inches in diameter. When in the bar, the head can be adjusted $\frac{1}{4}$ inch on the diameter.

This is the first time that small-hole boring has been possible with a standard throw-away insert tool that can also be used for larger holes. These tools can be maintained easily at the machine because they use standard triangular and square carbide inserts.

Building Block Tooling (continued from previous page)

Now, the design of a special multiple-point tool is a simple matter. The work-piece and its tolerances set the requirements for the types of inserts, holders, clamps, anvils and adjustments needed. Relationships among the surfaces to be machined indicate the length and breadth of the tool.

It is then only necessary to draw the standard components in space and fill in the special body required to hold the components where they belong. A check of this body is made to be sure of its strength through all sections and then the tool can be made.

Special tools will still be made by carbide-tool producers—this will not lead to do-it-yourself tooling—but the user benefits through lower costs, shorter lead times, smaller inventories of spare parts and the chance to specify special tools wherever they should be used.

Conventional Carbide Tools Best Bet For Most Jobs

1. Band type with carbide slugs

Band-type Wesson Multicut holders are available in 9 specific types with 90 standard sizes available from stock. Holders are designed for square, triangular or diamond (with various lead angles) carbide slugs to turn, face and cut tapers. They are precision made with tempered steel bands, hardened

shank and broached holes. Carbide slug can be locked from top or bottom of the holder and many tools can be packed in small areas for multiple operation. Standard Wessonmetal slugs always available from stock and replacement bands that fit can be quickly supplied.



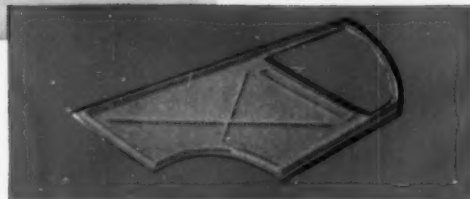
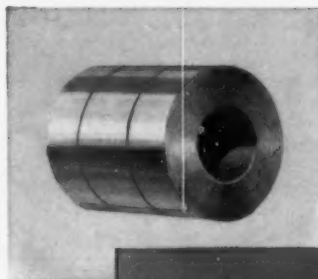
CUTS RIGHT TO LEFT
(LEFT-HAND ALSO AVAILABLE)

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tools
carbide
Wessonmetal

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1220 Woodward Heights Blvd., Detroit 20, Mich.

IN CANADA:
WESSON CUTTING TOOLS, LTD.
93 Judge Road, Toronto 18, Ontario

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THE **LITTELL** LINE

Speeds Production, Cuts Cost



Ever since the first coil stock came out of the mill, Littell straightening and feeding equipment has made it practical and profitable to use. The pioneers of low cost, automatic punch press operation depend on Littell Hooks, Reels, Straighteners and Roll Feeds today, as they have from the start. The Littell line has grown up with the needs of the modern pressroom to become the complete line, the standard-bearer of its field. You will find in Littell equipment the key to more flexible, more productive, and more profitable operation in your own pressroom.

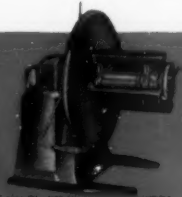
No. 418-HR HYDRAULIC DRIVEN FEEDING AND STRAIGHTENING MACHINE

Automatically straightens coil stock and feeds to any type punch press or square shear. Handles stock up to .125" thick. Feeds up to 19" lengths at 40 strokes per minute, or up to 38" lengths at 20 s.p.m. Easily moved from press to press by fork truck or crane. Operated independently. Fully described in Bulletin B-10.



HOOKS...

with coil lifting capacities of 1,000 to 40,000 lbs.



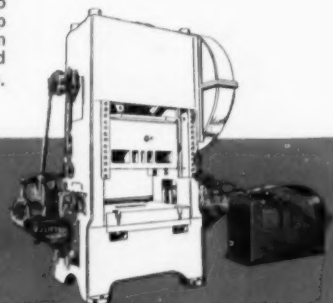
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Spindle Reels with coil capacities from 300 lbs. to 40,000 lbs. Coil cradle reels for coils up to 30,000 lbs.



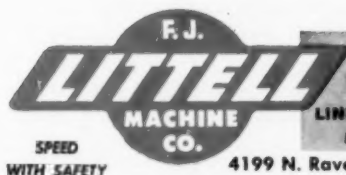
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straighten coil stock from 1" to 90" wide, from .010" to .125" thick.



AUTOMATIC ROLL FEEDS

... serve all types of presses, handle all widths and thicknesses of stock. Used with compound, single and progressive dies.



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- Gear Grinding Machines for fine pitch gears, with extreme simplicity and accuracy to modern requirements.

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Government
Gage
Laboratory
Says
about **PIPE MACHINERY
HILO SET PLUGS**



A well-known government gage laboratory recently reported on their study of our Hilo Thread Setting Plug Gages as follows:

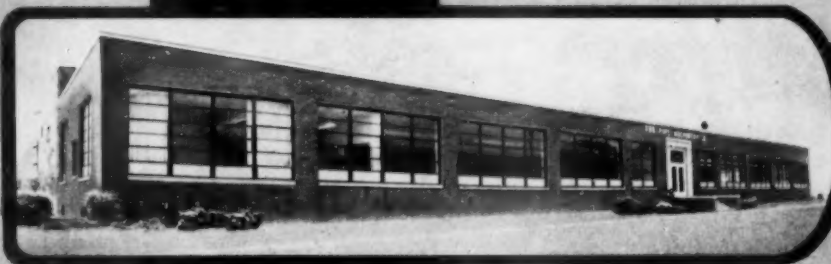
"The setting plugs were used to retest several of the thread rings we had in stock. The results were enlightening.

Some were rejectable because of worn flank; others were rejectable or borderline because of bell mouth.

"The HILO Setting Plug is unquestionably sound and superior . . . a saving of many man hours by less skilled help for acceptance inspection and surveillance can be foreseen."

A word to the wise is sufficient. You, too, can employ no more positive method for setting your thread ring gages and other adjustable instruments for the inspection of male threaded parts than with Pipe Machinery Hilo Set Plugs.

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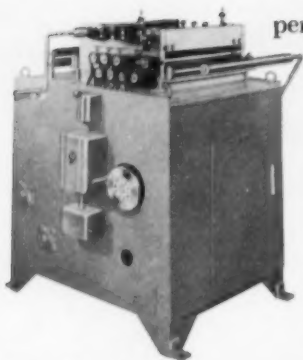
benchmasters

make 2-WAY savings!

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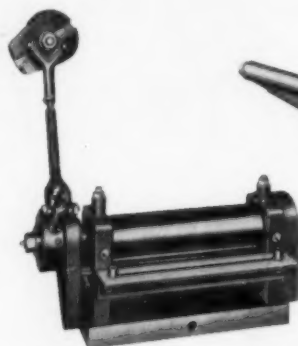
Lower Original Costs

Benchmaster offers a complete range of machine tools and pressroom equipment at *substantial cost savings*... yet you make no sacrifice in quality or performance... actually improve production! Write for details on these proven tools!



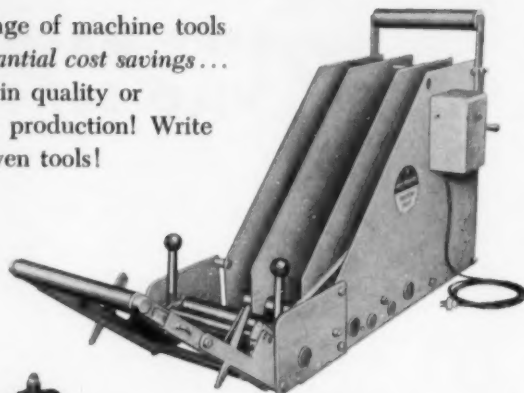
benchmaster STRAIGHTENERS

Insures flat parts and better work from every coil. Optional: Clutch & Brake for combination feeding machines with length measuring device.



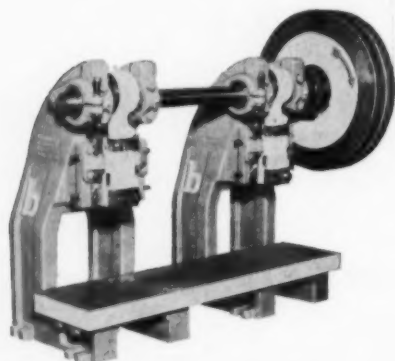
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Totally new friction clutch design now eliminates wear, maintains accuracy on every stroke! Fits most presses. 3", 5", 7", and 9" roll widths, 0-3" cutoff or 0-6" cutoff. Larger widths on special order.



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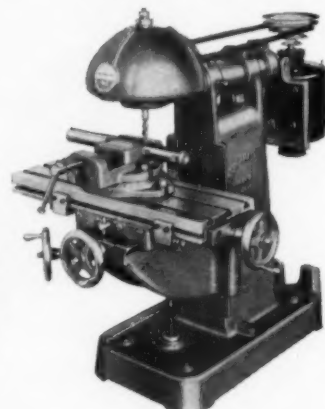


benchmaster MULTIPLE RAM PRESSES

Substitute for a low cost SHEAR or BRAKE with big savings.

benchmaster PUNCH PRESSES

Benchmaster's higher crankshaft speeds usually double production over large slow presses! 2, 5, 8 and 10-ton capacities, all press types.



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A real production mill that converts from horizontal to vertical milling simply by exchanging spindle quills!

Write for literature and quotations.

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manufacturer of small punch
presses and mills.



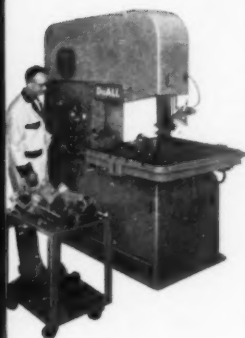
Mr. A. G. Mather, Pres. of the DoALL Midwest Co., is typical of the 200 DoALL Specialists whose expert help is free.

Let DoALL help you cut production costs

What's new in cost-cutting methods and equipment? Get the facts by asking your nearby DoALL Specialist. More than 200 factory-trained experts, working out of DoALL stores from coast to coast, are ready to help you cut machining costs—by improving your present methods and using new short cuts. DoALL's new Test Center is also available to work out the solutions to new machining problems.

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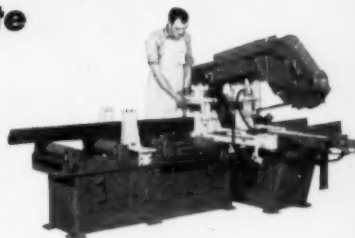
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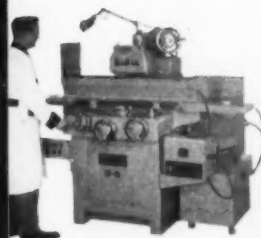
*Reg. T.M. The DoALL Company

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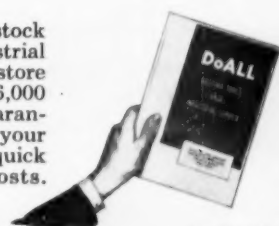
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U. S. Multi-Slides are automatic machines designed specifically for the economical production of stampings from coil stock. The various motions provided by the die head (ram), forming sides, vertical stripper mechanism and a range of auxiliary units afford the die designer practically unlimited possibilities for the development of tools to produce stampings at considerably lower piece cost by **eliminating secondary operations and handlings**. Since Multi-Slides are automatic, one operator can attend a battery of machines—an important consideration in cost reduction.

Because of their versatility, U. S. Multi-Slides are readily adaptable for the manufacture of parts from wire and also for the simultaneous feeding and processing of more than one strip to complete an assembly. Prefabricated parts can be hopped, positioned and assembled to the stamping being made in the machines.

U. S. Multi-Slide® Specifications

Machine No.	11	28	33	35
Possible simultaneous die head use	1	2	3	4
Maximum feed length (inches)	3	8	12½	13
Maximum width of stock (inches)	¾	1½	2½	3
Maximum thickness of stock (approx. inches)	1/32	1/16	3/32	3/32
Overall size (inches)	44x40x69	50x44x100	56x52x137	57x55x150
Net weight (lbs.)	1200	3300	6700	9000
Crated weight (lbs.)	1500	3700	7300	10,100
Motor recommended (hp)	1½	2	5	7½
Machine speed (strokes per minute)	110-550	60-240	40-160	40-160

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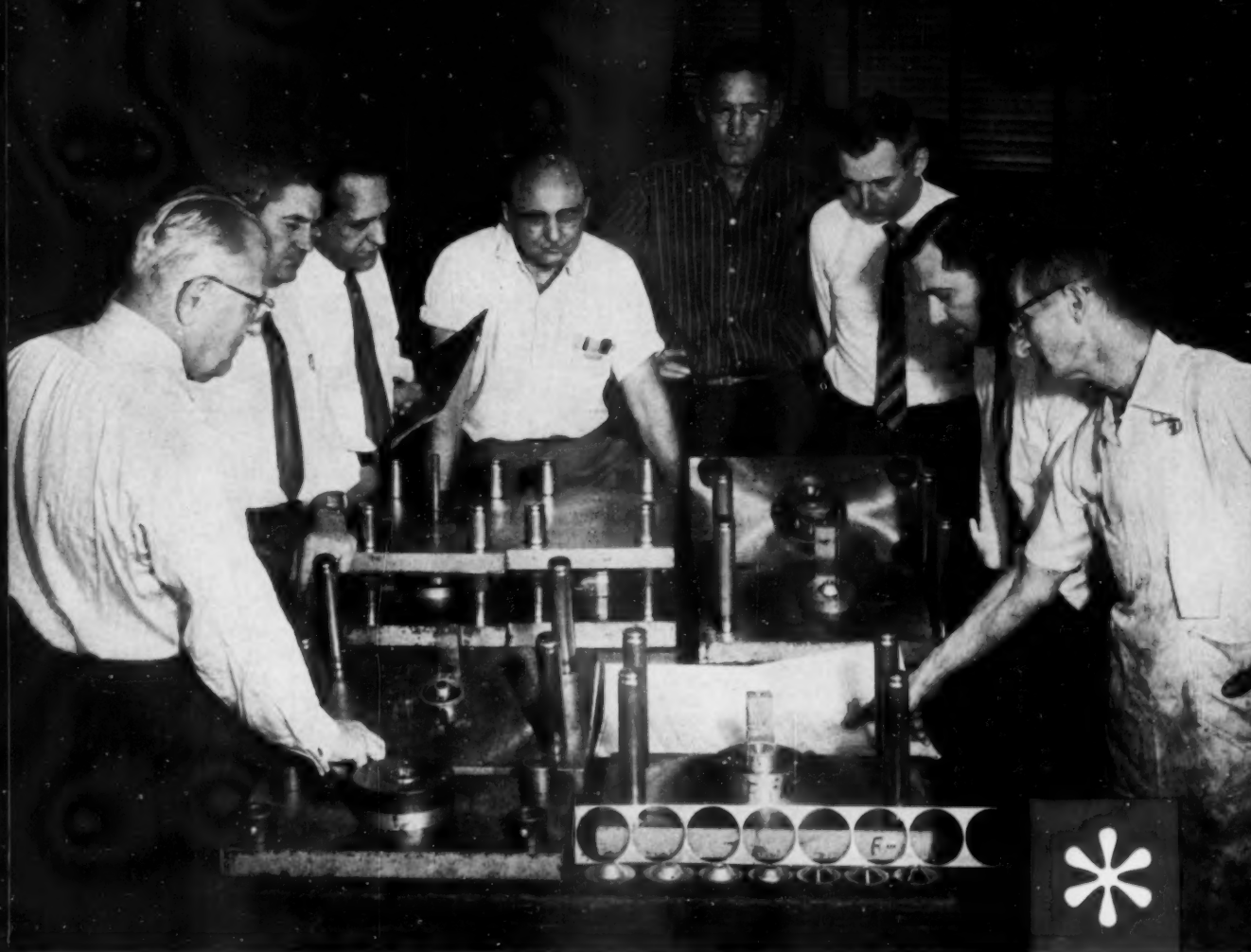
Bulletin No. 15T describes in detail the advantages and applications of U. S. Multi-Slide Machines—Bulletins No. 85T and 151T deal with U. S. Press Room Equipment, write for them today—they're yours for the asking.



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U. S. Multi-Slides® • U. S. Multi-Millers® • U. S. Automatic Press Room Equipment • U. S. Die Sets and Accessories





Do you know these tooling specialists?

If you don't, you should. On any tooling problem requiring high-precision gages, dies, jigs, fixtures or special machinery, they can save you time, money, headaches. They can keep you out of production jams... *or pull you out.*

These eight men * represent over 200 years of the choicest, most specialized tool-and-diemaking experience in America. Strong words? Well, consider these facts:

They direct what leading manufacturers in the electrical, appliance, automotive, ordnance and other in-

dustries acknowledge is the best-manned, best-equipped toolmaking facility on the Mississippi. Best-manned, because Ehrhardt has over 50 veteran tool-and-die makers and designers, many of them trained here. Best-equipped, because there isn't an important late-model precision machine tool or device (jig borers, jig grinders, profile grinding, electrical discharge equipment, etc.) which you won't find at Ehrhardt.

If you need close-tolerance work—whether it's a gage that takes 40 hours or less to produce or a com-

plex lamination die requiring several thousand hours—you will be doing yourself a favor to get to know these men, to observe their skilled craftsmen and their unparalleled facilities.

You can do this by visiting the Ehrhardt plant, and you are cordially invited to do so. In the meantime, write for a copy of **TRIPLE PLUS** (the three pluses: "Precision Skills, Full-Range Facilities, Unique Experience"), a twenty-four page illustrated brochure which will convince you why knowing these tooling specialists can be worth your while.

Ehrhardt Tool & Machine Company

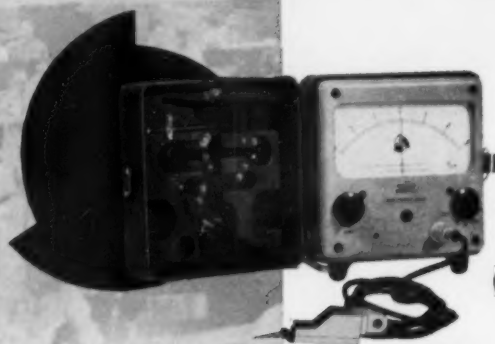
914 Monroe Street, St. Louis 6, Mo.



EHRHARDT/ST. LOUIS PLANNING COMMITTEE—left to right: Willis G. Ehrhardt, president; Charles Hawkins, general manager; Bill F. Boyd, purchasing agent; Ed Humm, shop superintendent; Ed Deuser, shop foreman; Joe Poletti, chief tool designer; Bud Graser, sales engineer, and Tony Wieclaw, veteran tool and die maker.

"A Nation-wide Service to the few who want the most in high precision gages, dies and fixtures."





Always...
ON THE SPOT!

Here is a fast, accurate gage that has a hundred uses. It can be used at the machine, in production, in the inspection department... and in the gage laboratory.

Simple to use, it requires no special skill on the part of your personnel. It weighs only 3 lbs.

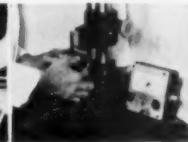
MICROtrol® 170 transistorized gaging system, which includes a battery-powered amplifier and four types of interchangeable gage heads, is for use with production comparators, height gages, snap gages, ID or OD gages and similar bench inspection devices.



INDICATOR GAGE HEAD used with standard height gage stand for surface plate work.



AGD GAGE HEAD used with snap gage for production line inspection.



FRICTIONLESS GAGE HEAD used with comparator stand to check production parts.

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- Only 2 control knobs
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June 15, 1959

USE READER SERVICE CARD, CIRCLE 39

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In abrasives and bonds for all types of O.D. grinding — both cylindrical and centerless.

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For the quick and economical cutting of metallic and non-metallic rods, bars, tubes and other shapes.

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Straight, cup and cylinder wheels and segments for all types and makes of surface grinders.

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Spindle mounted wheels and points in a wide variety of sizes and shapes for die shops and tool rooms.

Rubbing Bricks, Honing and Superfinishing Sticks, Abrasives for Polishing, Lapping and Tumbling.

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W-1923



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PAINS TO PREVENT
FASTENING HEADACHES!
Statistical quality control
procedures plus 100%
inspection give double
assurance of close adherence
to specified rivet dimensions
and positive protection
against interrupted production.

YOU GET PRECISION FASTENING AT MASS PRODUCTION COSTS...

... when Thomson becomes your fastening partner.

In the Thomson line of more than 8,000 rivet designs, you'll find the semi-tubular, deep-drilled, bifurcated (split), shouldered or compression rivet that will give you the best strength-cost ratio in the fastening field. Produced to the industry's highest quality standards at production rates exceeding 20,000,000 rivets a day, these low-cost fasteners merit serious consideration in your product-improvement and cost-reduction programs.

Our leadership in solving fastening problems with quality rivets and precision rivet-setting machines since 1885 is at your service. What is your problem?



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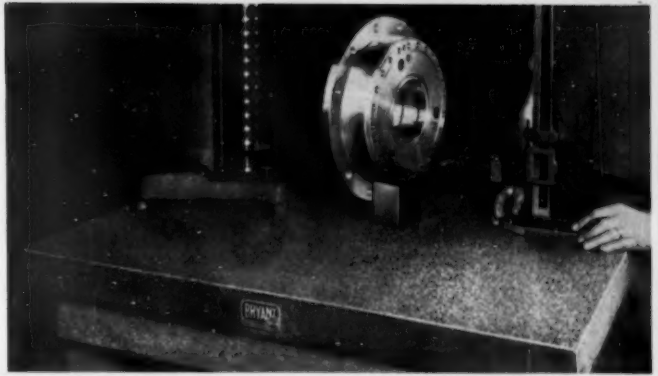
300 SAWYER ROAD

MFG. CO., WALTHAM 54, MASS.

YOU KNOW IT'S ACCURATE

... when it's set up on a **BRYANT GRANITE SURFACE PLATE**

Patented, "head of the grain" finish gives Bryant Surface Plates surface-wide wear resistance. Unequalled true quartz granite has clearly defined flatness, measured by auto-collimator. Choose from a wide range of standard and special sizes, available with modern welded-steel stands.



... when it's checked on a **BRYANT PRECISION THREAD GAGE**

The Bryant B-21 Bench Gage checks parts with internal and external threads in all tolerance classes to 5" diameter, checks parts with special grooves, snap ring or O-ring grooves, checks squareness of face (attachment illustrated) and concentricity of diameters—and does it 8 to 10 times faster! The B-21 is not threaded into the part, instead uses interchangeable, stationary and movable gaging segments which far outlast ring and plug gages. An accurate, visual check to full limits of pitch diameter eliminates the element of "feel" in inspection of precision parts. A full complement of standard and special accessories makes the B-21 Bench Gage indispensable to product quality control.



FREE FACT-FOLDERS—Engineering data and prices on the full line of Bryant Internal and External Thread and Groove Gages. Also—the full story of Bryant Granite Surface Plates; get all the facts before you buy!

EX-CELL-O
CORPORATION

EX-CELL-O
FOR
PRECISION



GREENVILLE PLANT, 945 E. SATER ST., GREENVILLE, OHIO

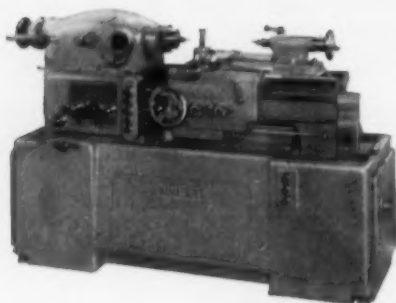
EX-CELL-O PRECISION PRODUCTS INCLUDE: MACHINE TOOLS • GRINDING AND BORING SPINDLES • CUTTING TOOLS • RAILROAD PINS AND BUSHINGS • DRILL JIG BUSHINGS • TORQUE ACTUATORS • THREAD AND GROOVE GAGES • GRANITE SURFACE PLATES • AIRCRAFT AND MISCELLANEOUS PRODUCTION PARTS • DAIRY EQUIPMENT

RIVETT PAYS **BIG BONUS!**

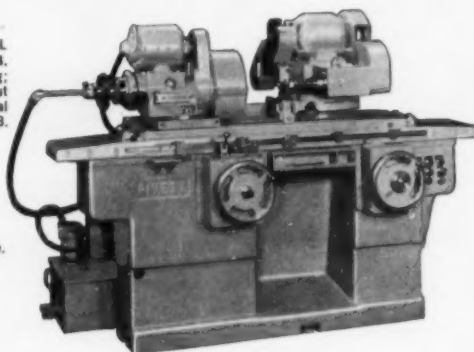
"More Precision Work—With Less Operator Effort"
Obtained On Machines For Specific Classes of Work!



Rivett—symbolic of extreme accuracy—offers added productivity over larger machines. Sensitive precision, simplified controls, easy to set-up, infinitely variable high speeds, rugged construction, extra capacity for their sizes—are all features found more pronounced in Rivett lathes and grinders. Ask your Rivett representative to demonstrate how these features can spell more profitable production for you.



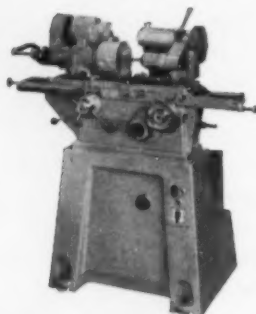
INTERNAL AND UNIVERSAL GRINDER Model 1024.
 Table moves left for plug gauging; wheelhead is NOT hinged, but swivels 180°. 9" hole dia.; 12" external dia. Write for Bulletin 1024B.



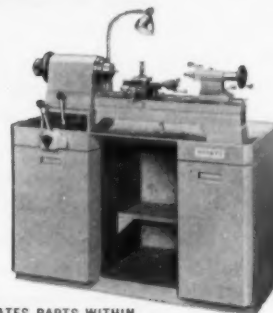
2 FOR 1 INSTRUMENT AND ENGINE LATHE Model 1020S.
 "Steelway" Precision Toolroom Lathe. Turns .0004" in 12", takes 1/4" cut with .020 feed in cold rolled steel. Write for Bulletin 1020C.

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INTERNAL-EXTERNAL GRINDER Model 84. An internal specialist with external ability. Hole and external capacities 3" dia. Write for Bulletin 84A.

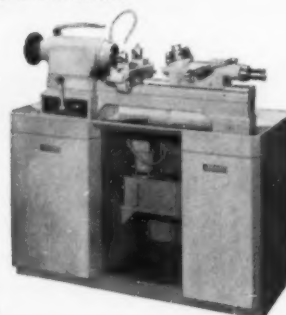


ORIGINATES PARTS WITHIN "TENTHS" Cabinet Lathe 9" swing. Unlimited high speeds with one-motion control lever. Instantly reversed. 1 1/2" collet capacity. Write for Bulletin.



RIVETT LATHE & GRINDER, INC.

Dept. TEM-6 Brighton 35,
 Boston, Massachusetts



PRODUCTION WITH TOOLROOM PRECISION Turret Lathe 9" swing. Instant start-stop of spindle. Simplified tooling cuts set-up time. One motion control. Write for Bulletin.

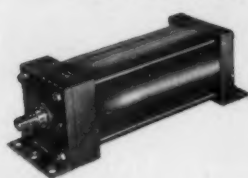


FURNISHES A

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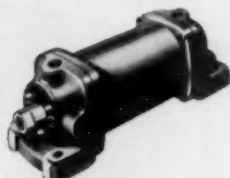
Get all your air and hydraulic needs from one source!
Over 500 standard models in all sizes for immediate delivery!

AIR CYLINDERS—168 Models



TIE ROD DESIGN

150 P.S.I. air; 250, 350, 500 P.S.I. oil. 8 mountings; 10 bore diameters; single or double end rod; internal or external thread; cushioning. J.I.C. Special covers. See Catalog 10.



KEEPER RING DESIGN

150 P.S.I. air; 300 P.S.I. oil. 7 mountings; 9 bore diameters; single or double end rod; internal or external thread; cushioning. Special covers. See Catalog 55.

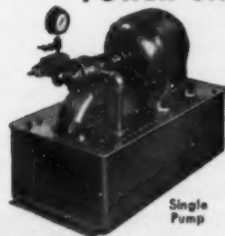
AIR VALVES—47 Models



Hand

150 P.S.I. 3 and 4-way. Hand, foot, cam, solenoid, and pilot. $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1". Pilot valves in side and foot mountings—palm, push-button, cam, foot, solenoid operation. See Catalog 303.

POWER UNITS—17 Models



Single Pump

1000 and 1500 P.S.I. Single pumps in six tank sizes. Capacities .4 to 40 G.P.M. Double pumps in four tank sizes with combined capacities 3.5 to 80 G.P.M.

CUSTOM-BUILT

Pressures to 5000 P.S.I. For unusual space, size, piping, valving, mounting, operation. See Catalog 400.



HANDY AIDS

90 pages of drawings, specs., cut-aways. Get free copies today!



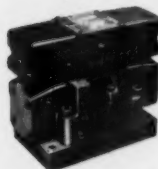
HYDRAULIC VALVES—200 Models



Pipe Mounted Foot

Panel Mounted
Pipe Mounted
Direct Control
Functional

1500 and 3000 P.S.I. Standard, spring-return, spring-centered, ball detent. All piston designs. Hand, foot, cam, solenoid, solenoid pilot, oil pilot, air pilot. $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", 2". See Catalog 204.



Panel Mounted Solenoid

Panel valves conform to J.I.C. Greater flow; low pressure; shock resistant. Interchangeable sizes. See Catalog 261.

HYDRAULIC CYLINDERS—108 Models



Keeper Ring

300 and 1500 P.S.I.; 3000 P.S.I. furnished. 7 mountings; 10 bore diameters; standard and 2:1 over-size rod; single and double end rods, internal or external thread; cushioning. Special covers. See Catalog 106.

PRESSURE CONTROLLED HYDRAULIC VALVES



Sequence
Sub-plate Mounted



Flow Control
Pipe Mounted

3000 P.S.I. pipe and sub-plate mounted. Relief, sequence, unloading, reducing and counterbalance types. With and without check. Direct and pilot operated. Sizes: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ " and $1\frac{1}{2}$ ". Six functions obtained from single basic assembly.

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UNIVERSAL JOINT ADJUSTABLE TAPPING & DRILLING HEAD

Here's another hi-speed production tool from Errington. This dependable tool is adjustable to any pattern of holes . . . is available with 4 or 6 spindles. Positive clutch drive and reverse. Head made of the best grade sand Cast Aluminum with hardened and ground gears and spindles (made in one piece). Full grooved ball thrust bearings at all thrust points and Oilite bronze radial bearings. *Remember to do more . . . better . . . faster . . . rely on Errington Hi-Speed Production Tools.*



LESS THAN 1/2 MINUTE
TO CHANGE HEAD
FROM DRILLING TO TAPPING
OR TAPPING TO DRILLING

#0—0" to 1/4" Tap Capacity
Min. centers 11/16"
Max. Pattern 5 1/4"

#1—7/32" to 1/2" Tap Capacity
Min. centers 1 1/2"
Max. Pattern 8"

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AUTOMATIC RE-CESSING TOOLS—feature master holder, interchangeable adapters, and two cam-follower pins for accurate, dependable performance.

MAGIC CHUCKS—feature quick-change, interchangeable collets and principles of construction for accuracy, convenience, and long life.

FLOATING HOLDERS—provide full float, quick tool changes, a variety of shank types and sizes, including an adjustable adapter shank.

SHUR-LOCK ADJUSTABLE ADAPTERS—built to GMC, Ford, Chrysler and ASA standards. Concentricity .002" TIR 6" from nose. Sturdy, dependable.

SPINDLE EXTENSIONS—provide individual spindle adjustment and extend or alter existing multiple setups without extensive retooling outlay.

DRIVERS—hardened, ground, precision built, concentric within .002". Made to automotive, ASA standards. All types and sizes.

BRACKET SPINDLE ASSEMBLIES—exclusive flat surface at outer end of arm permits adjustment without breakage. All parts precision machined and fitted for efficient operation.

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SPINDLES, SPINDLE BRACKETS, ARMS—these units available for replacement or as original equipment. Sturdy design, accurately machined.

PINION DRIVE SHAFTS—upper drive shafts of alloy steel, carefully heat-treated. Ball ends prevent injury to threads.

SLIP-SPINDLES—for cluster-plate applications. Widely used on multiple-spindle drilling machines. Accurate, dependable.

UNIVERSAL JOINTS—aircraft type with alloy steel forks, center blocks, and pins . . . carefully heat-treated. Provision for maximum lubrication.



TOOL HOLDERS

You can depend on Seibert's skill and practical tooling experience for new ideas in production holding tools that offer cost-cutting advantages. In addition, you can be sure of fast, economical, direct-factory service. All holders are lot produced, and 100% inspected. They meet the exacting requirements of prominent machine-tool and other builders.

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The Seibert Tool Control System includes tool boards, cyclometers, and presetting gauges, all designed to suit your production requirements. Panels are subdivided into sections for each type of tool, and divisions are arranged as required, with space for sets of tools for each job. The system has many advantages in addition to the reduction of downtime.

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Seibert Bracket Spindle Assemblies, Slip Spindles, and their components are helping hundreds of machines maintain precise accuracy, whether the parts or assemblies are original equipment or replacements. Balanced design, precise machining, and careful heat-treating are some of the reasons. Seibert's specialization provides quick service, too.



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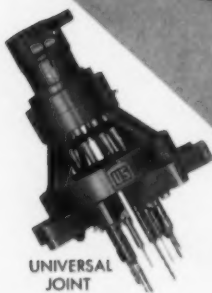
Quality MULTIPLE DRILL SPINDLES AND PRODUCTION TOOLS



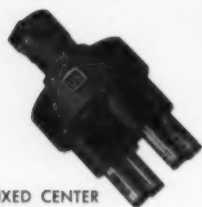
For men who know Drill Heads Best ...
it's always

U.S. DRILL HEAD

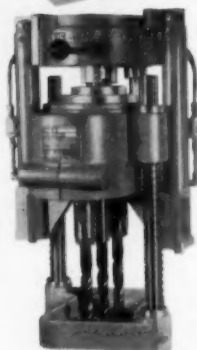
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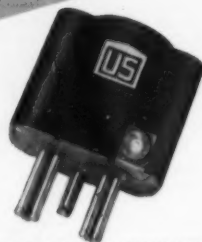
UNIVERSAL
JOINT



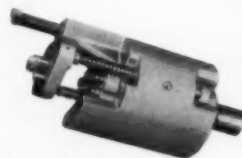
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WITH AIR COUNTERBALANCE



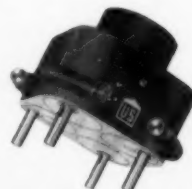
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TURRET LATHE TYPE



INDIVIDUAL LEAD
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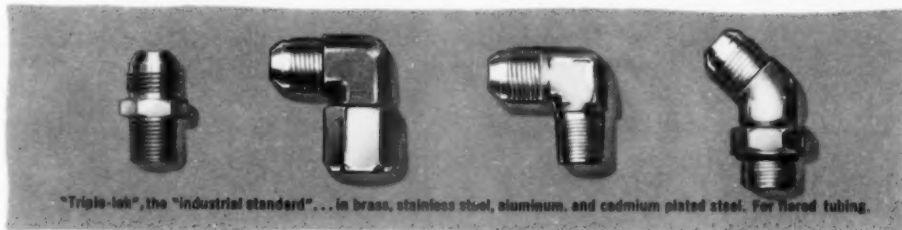
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ADJUSTABLE



THE UNITED STATES DRILL HEAD COMPANY

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"Triple-lok", the "industrial standard"... in brass, stainless steel, aluminum, and cadmium plated steel. For flared tubing.



"Ferulok", the flareless type with the visible "bite", especially for heavy-wall tubing... in steel and stainless steel.



"Weld-lok" metal-braze fittings, steel or stainless steel. Also "Braze-lok" in almost any metal.



"Intru-lok", especially for instrumentation lines. Flareless type in brass and aluminum.

Only from Parker

such a wide range of fittings... so fast

If it's an industrial fitting, whether for tubing or for hose, Parker has it or can make it, in standard sizes in any metal.

Parker "Triple-lok" for flared tubing... Parker "Ferulok"® for heavy-wall tubing... Parker "Weld-lok" for high-temperature, high pressure lines. ("Braze-lok", our newest line, does not require an open torch, is for medium temperatures.) "Intru-lok", for copper, aluminum or plastic instrumentation lines, requires no flaring. Parker hose and "Hoze-lok" re-usable hose fittings require no skiving of the hose.

There's a Parker distributor near you, write us for his name... call him for Parker catalogs.

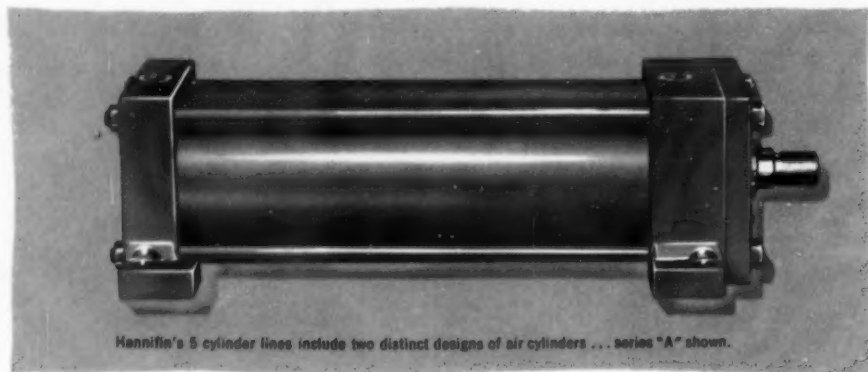
Parker Fittings and Hose Division
17325 Euclid Avenue • Cleveland 12, Ohio



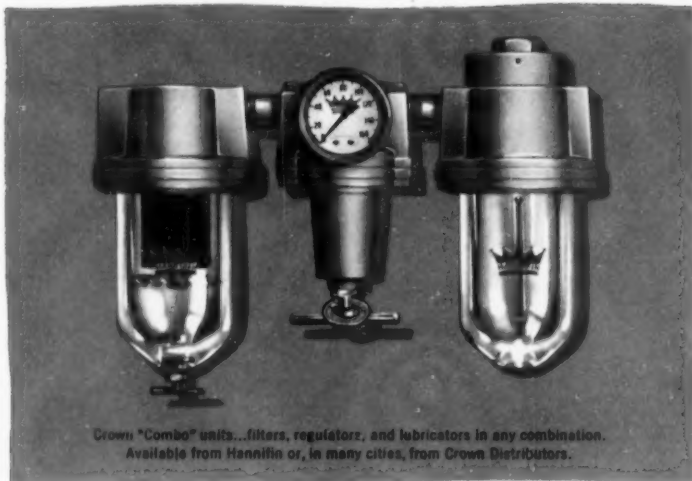
Parker "no-skive" hose and "Hoze-lok" re-usable hose fittings for low, medium and high pressure service.

A DIVISION OF PARKER-HANNIFIN CORPORATION

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Hannifin's 5 cylinder lines include two distinct designs of air cylinders ... series "A" shown.



Crown "Combo" units...filters, regulators, and lubricators in any combination. Available from Hannifin or, in many cities, from Crown Distributors.

Only **HANNIFIN**
makes all these
AIR POWER
COMPONENTS



Hannifin valves take many forms. This $\frac{3}{8}$ " 4-way valve out-performs many a competing $\frac{1}{2}$ " valve.

Anywhere you use compressed air to do work, Hannifin can help you. Hannifin cylinders for the "muscles". . . Hannifin air valves for any type of actuation, hand, foot, cam, solenoid, or pressure . . . the Hannifin "Crown" Line of filters, regulators, and lubricators for lasting air power efficiency . . . all are built by Hannifin to just one standard, the best.

Turn to Hannifin, too, for expert help in applying air power components. A Hannifin field engineer is as close to you as your telephone, wherever you are. Write us for his address—or, he's listed in the alphabetical section of Thomas Register. It's that easy.

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Mr. Tool Engineer:



PLAN

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Shown left is the original positive feed drill that drills hard or soft materials separately or sandwiched with constant drill progression...no surge on breakthrough. Can be used in portable gun drilling also.

ROUTER

Here is a template router...can be either hand operated or fixture mounted. For step routing of large identical surfaces the Quackenbush self-feeding automatic thickness router has no equal. Also available as a track mounted saw.

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Heavy gauge trimming is easily and tirelessly accomplished with this tool. Endurance and sustained cutting life of the feed and roll cutters are almost limitless. Corregations are sheared without distortion.

New! **EDGE MILL and
RIVET SHAVER**

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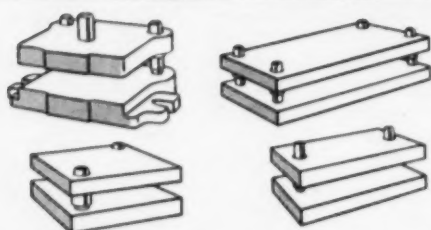
4214-16 San Fernando Rd., Glendale 4, California



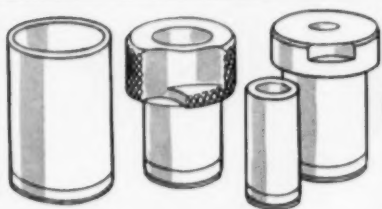
Stan the die set man says...

There's a
"Standard"
Distributor
 near you...

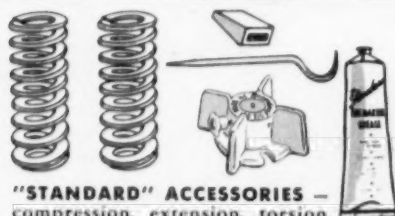
ready to give fast service on die sets and drill bushings.



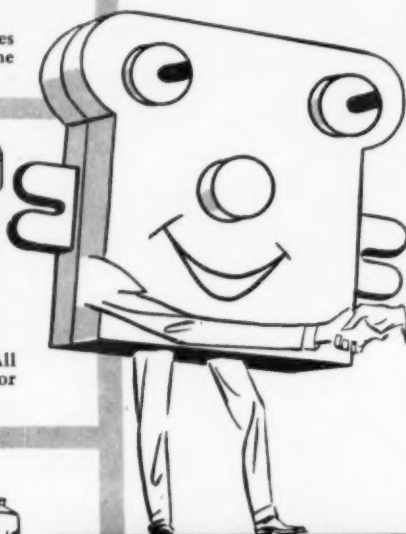
"STANDARD" DIE SETS — In all types and sizes—with or without special machine work.



"STANDARD" DRILL BUSHINGS — All A. S. A. types and sizes... for press fit or renewable (liner) applications.



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CATALOG 580 — full details on Die Sets, Components, Accessories in useful, readable form. **Standard Die Set Co.**—Division of Harsco Corporation.

CATALOG 582 — handiest catalog for selecting and ordering Drill Jig Bushings. (Bulletin 583—complete bushing prices.) **Standard Bushing Manufacturers, Inc.**

"Standard"

STANDARD DIE SET CO.

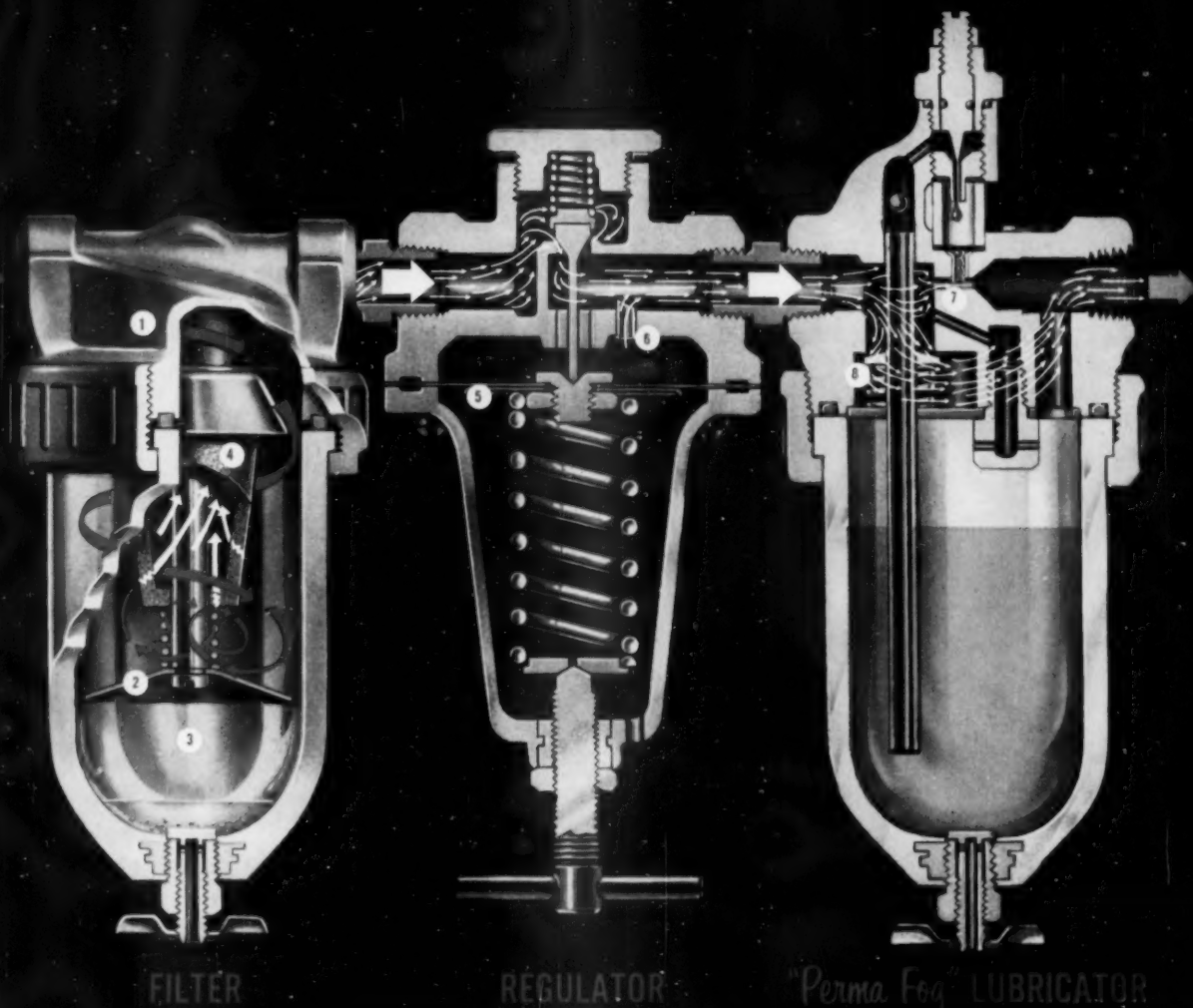
Division of Harsco Corporation

Main office and plant:

1487 Elmwood Avenue, Providence 7, R. I.

Branch plants:

Detroit, Indianapolis, Paoli (Phila.)



Curved inlet ① directs incoming air in downward helical pattern. Larger impurities and condensate are "thrown out" by centrifugal action, collecting on bowl sides and spiraling downward past baffle ② into quiet chamber for draining off. Baffle traps sediment in quiet chamber ③ and allows only dry air centrifugally cleaned of larger impurities to reach porous bronze filter element ④ where finer particles are filtered out.

Diaphragm of large area ⑤ is of BUNA-N—imparts extra sensitivity for response to even minute reduced pressure variations. Aspirator ⑥ acts directly on diaphragm, providing instant compensation for fluctuating loads . . . assures precise control and stabilizes pressures reaching individual pieces of equipment.

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You can expect *high efficiency* from the Watts line of advanced-design air line filters, regulators, and "Perma-Fog" lubricators. It's the *quality* assembly. Specialists in protection and control devices since 1875, Watts is setting new *standards* of efficiency in pneumatic operation.

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FILTERS

REGULATORS

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YOUR SAFE PROTECTION

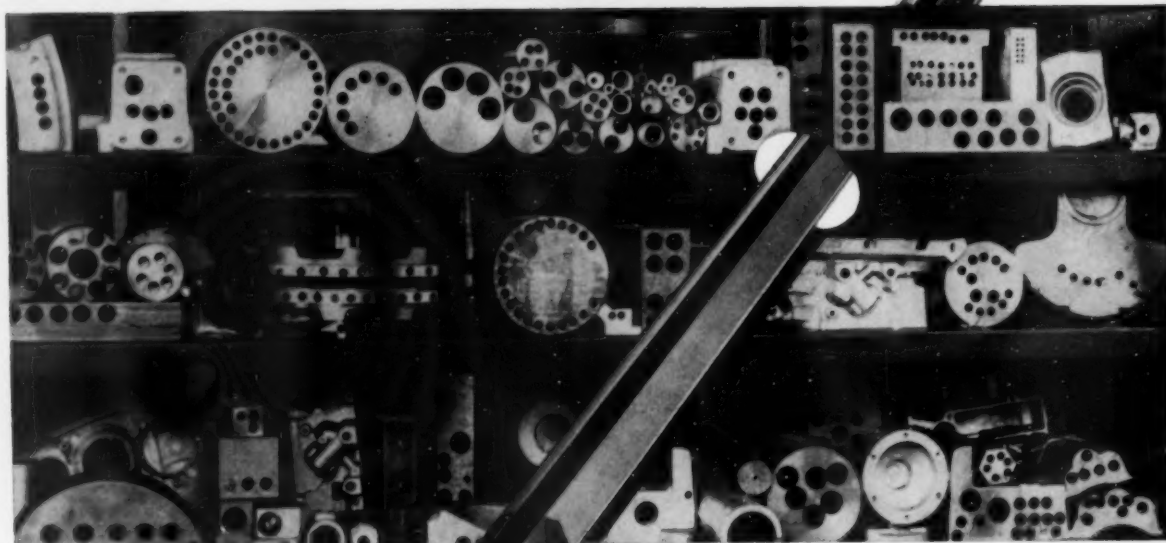
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drill 'em with

ELDORADO* **GUN/DEEP HOLE DRILLS**

MADE TO YOUR SPECIFICATIONS:

Sizes: .1250 to 2" dia.

Lengths: to 300 dia.

Drivers: Industry STD., or to fit your need.

Tips: Carbide

AVAILABLE FROM STOCK:

Sizes: 1/8" to 1/2" dia. (in 64ths).

Lengths: OA 10", 16", 22", 28", 36".

Drivers: .750 dia. x 2 3/4" long.

Tips: Carbide

1/2" to 3/4" dia. in

32nds.

16", 22", 36"

1" x 2 3/4" long

Carbide

**NOW, ORDER FROM STOCK, OR SEND
IN YOUR SPECIFICATIONS FOR A
PROMPT QUOTATION**

Trillions and trillions of straight holes with ultra micro-finish, perfect size, absolute roundness and precision tolerance, *drilled in one operation*, in practically any material: steel, stainless steel, cast-iron, brass, aluminum, plastic, magnesium, titanium and other alloys. Thanks to ELDORADO production-proved DRILLS.

ELDORADO DRILLS can solve your 'hole' problem . . . small, large, short or deep, single or multiple set-ups.

ELDORADO with its modern well equipped research facilities, constantly strives to design and develop better tools to help you eliminate your drilling problems. Avail yourself of this experience.

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Specializing 100% in Gun/Deep Hole Drills and Related Tools.



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Better - Than - New Accuracy To Any Machine

- ✓ SIP engraved graduations guarantee extreme accuracy IN ANY LENGTH—not cumulative.
- ✓ Leadscrew error accumulation cannot put you out of tolerance at that far end.
- ✓ Backlash confusion can never again scrap a part.
- ✓ Lost count of the turns will never put the hole in the wrong place.
- ✓ Evertrue Scales are easily set to "0" and show exactly where you are at all times.

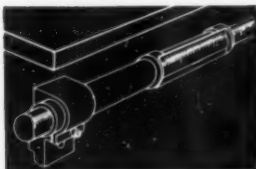
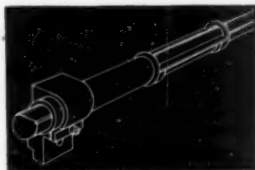


ROTATABLE

Well engineered design permits the entire scale and vernier assembly to be rotated in its bracket.

Loosen only two screws and your Evertrue Scale is free to rotate. Tighten the same two screws to lock secure and rigid.

TURN IT UP . . .
for the best illumination
and easiest reading.

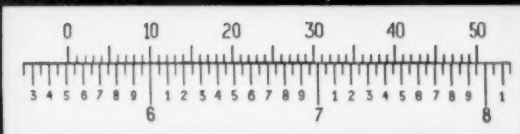


TURN TO THE FRONT
to read under that
overhanging fixture.

EASY READABILITY

WHERE IT COUNTS

ACTUAL SIZE



the correct reading is 5.510

The easily read extra long vernier reduces eye-strain, fights fatigue, prevents costly mistakes and speeds up the job.

The expanded vernier, black on chrome satin finish, and rotation to catch the light, all contribute to the amazing readability.

Flat scales eliminate parallax and distortion, prevent errors, assure finest workmanship.

YOUR ORIGINAL PRECISION CAN NEVER WEAR OUT

Wear is "designed out" and can never change the original accuracy. Unlike leadscrews, Evertrue Scales do not depend on rubbing, mating surfaces so therefore cannot wear.

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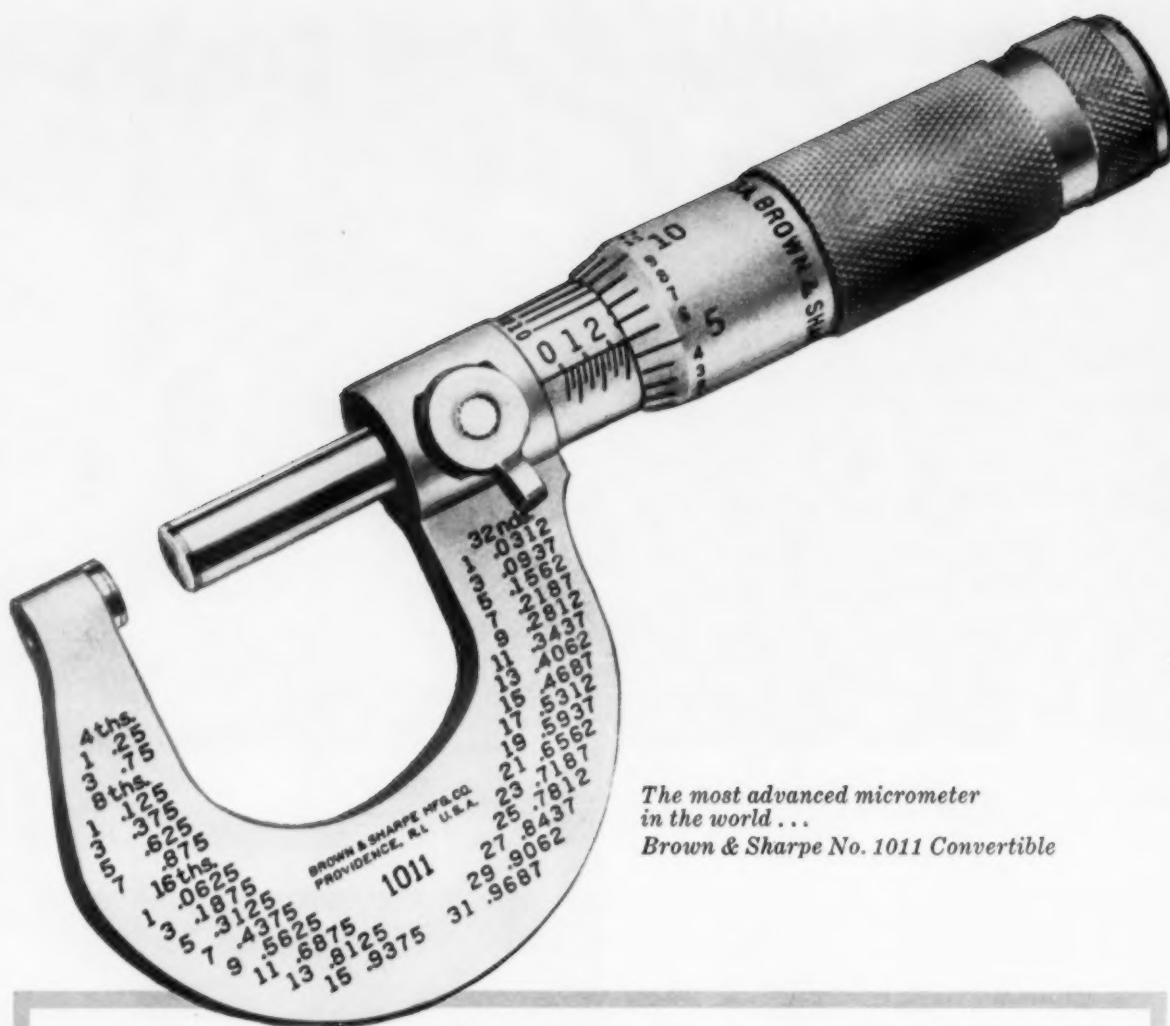
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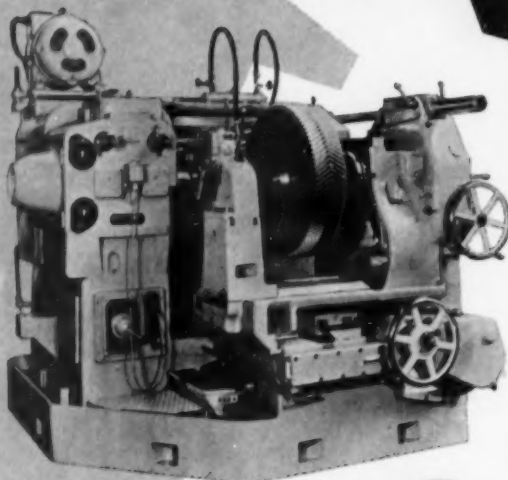
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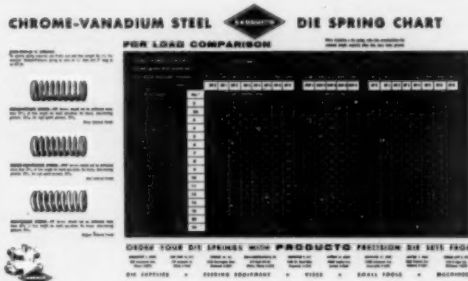
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Die Set Catalog No. 11

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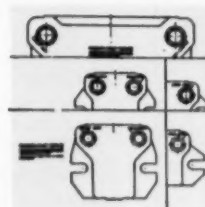
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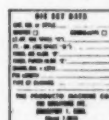


Every issue of this 8-page quarterly publication is packed with valuable hints for designers, manufacturers and users of dies. Hard-to-find information is presented clearly in the *Digest*: "Die Set Maintenance in the Pressroom"; "How to Select and Use Die Springs"; "How to Lubricate for Longer Life". Write and ask to receive *Die Set Digest* regularly. No charge.*



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WITH
PHIL MARZELLE
Vice President
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Angle Type—Fractional Size—Single
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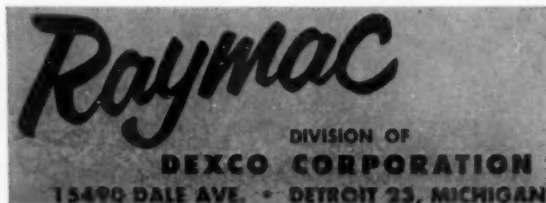
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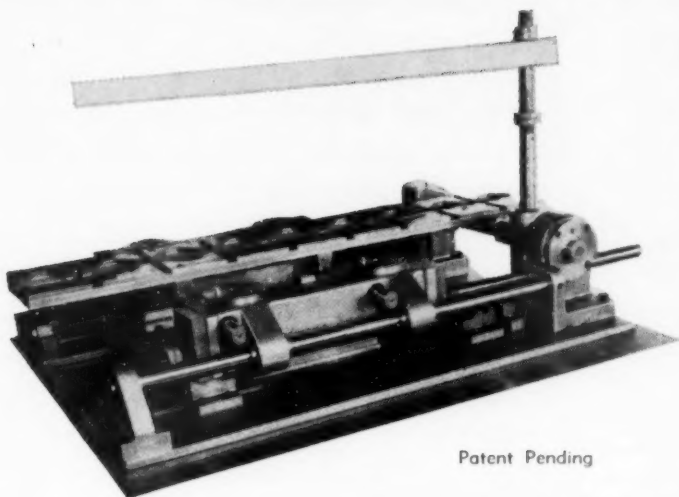
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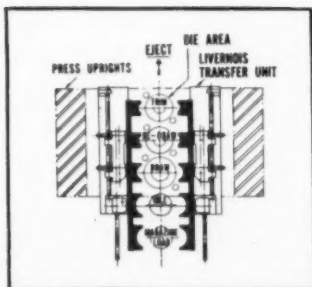
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SIMPLIFIED PRESS AND MACHINE AUTOMATION WITH

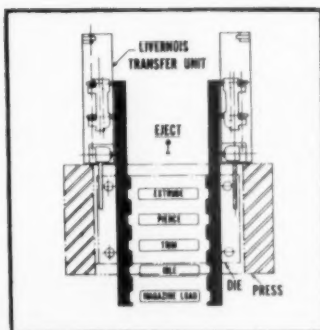
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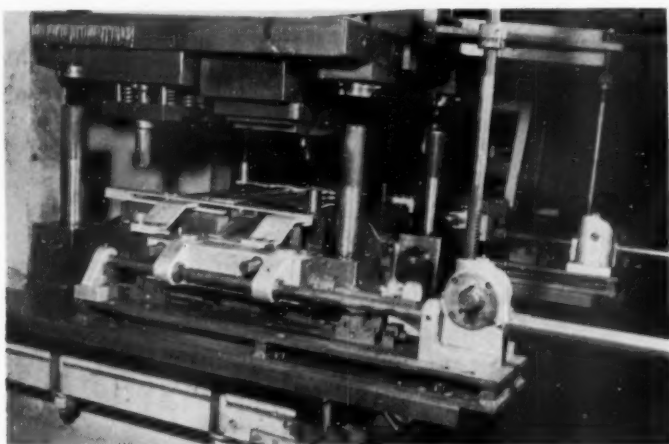
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Inside Press Installation



Outside Press Installation



Typical Livernois Transfer Unit installation at large automotive manufacturer's plant increased production 300%.

a completely mechanical device

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The Six M's

Manpower, machinery, materials, methods, money, markets. These six M's constitute the main considerations in the production of any manufactured product. Tool engineering, as a function, mixes these ingredients in their proper proportions.

Manpower ability—both quality and quantity—which is available in a plant must be one of the first considerations of planning.

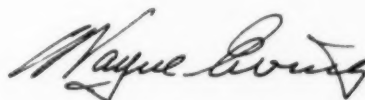
Machinery already installed, more often than not, influences the production methods finally used. If special machines or additional capacity are needed, however, production quantities must be analyzed with respect to costs and markets to assure a profitable venture. With this information and confidence in its accuracy, management provides the money to produce the product.

Materials are selected by product engineers as suitable for the task. Ours is not to ask the "reason why" but to produce for the lowest cost suitable to satisfy the market.

Proper tool engineering demands that individual and collective analysis be given the six M's if orders and reorders are to result.

Encompassed in this issue is a directory of manufacturers of products and supplies useful to tool engineers. The availability of these products, representing millions of man-hours of experience and billions of dollars, is listed in a geographical section of the directory to provide the most convenient and nearest source of supply.

Surely this extra edition, called the Suppliers Directory Issue, will occupy a prominent place on our desk, serving as a useful tool as we are called upon to coordinate the six M's.



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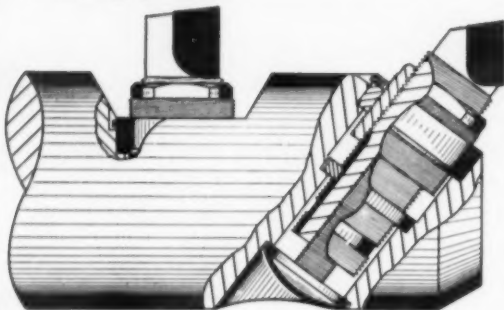
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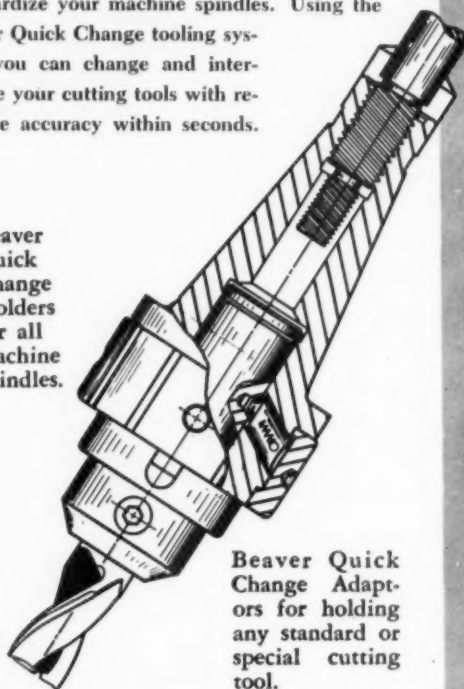
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M

Modernize

NOW!

Today's productive needs cannot be met with yesterday's manufacturing equipment and methods. Some compelling reasons for facilities modernization are discussed. The article also lists factors to be considered in forward planning.

By T. W. Black
Senior Associate Editor

WITHIN A YEAR OR TWO—perhaps within a few months—man will leave the earth's atmosphere for the first time to probe the darkness of outer space. The space vehicle will represent a triumph, not only for its designers, but also for the men who have learned to work unfamiliar materials, to assemble them to withstand the rigors of extreme heat, cold and vacuum—in short, to match developments in design and materials with developments in manufacturing. For it is one of the basic rules of the evolution of mankind, from fire-ape to interplanetary explorer, that the ideas and aspirations of Homo

sapiens—man the thinker—mean nothing unless they are put into concrete form by Homo faber—man the maker. Scientist, design engineer, tool engineer, machine and tool builder; these are the true partners in human progress.

Standing at the portals of space, tool engineers have much to be proud of. The past decade has witnessed revolutionary developments in manufacturing processes. With new and improved machines and tools, it is possible to increase productivity from two to ten times over the rates prevalent ten years ago and, at the same time, to greatly improve over-all quality.

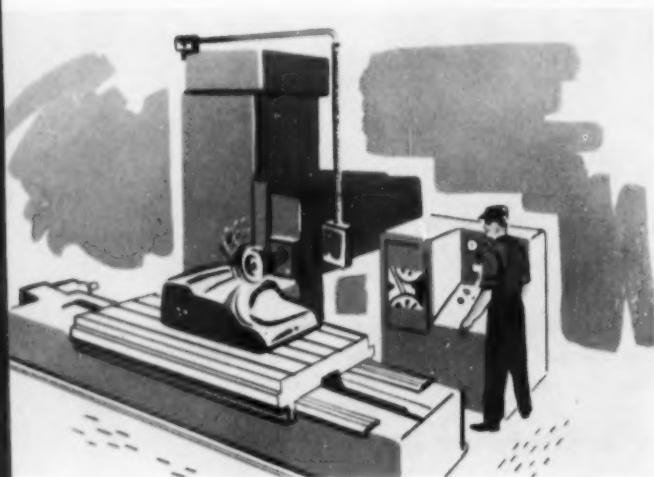
Unfortunately, the full benefits of this improved productivity are not being realized to the fullest possible extent in most plants. Some revealing figures leading to this conclusion were cited by Leo A. Hoegh, Director, Office of Civil and Defense Mobil-

ization, in a talk given to the Machine Tool Distributors Association. The statistics definitely speak for themselves:

"In 1945, 38 percent of our machine tools were at least ten years old. In 1949, the percentage had climbed to 43 percent. In 1953, 56 percent were in this category and 60 percent in 1958. More machine tools are over-age now than at any time since the 1930's. These facts are not confined to a few industries in a few areas—the condition is distributed throughout all of metal-working."

Speaking from the point of view of a government official who is primarily concerned with national defense, Hoegh points out that national security depends on the ability of American industry to produce military hardware in large volumes when needed. This ability is dependent, to a large extent, on the use of modern machine tools.

Similarly, greater productivity—manufacture at lower unit costs—is an important weapon in the battle against inflation since it makes it possible to keep prices down. Also, economists have frequently emphasized the desirability of increasing the rate at which the national economy expands. The economy has traditionally progressed with an annual growth rate of about three percent. One percent of this growth has come from increases in the labor force and two percent from increased productivity. An



Numerically controlled die sinking is now a feasible means of cutting costs.

increase in the growth rate to five percent would help refute Communist claims that our free economy is about to topple. This growth can come only through the modernization of production facilities.

The desirability of modernization is equally evident from the point of view of individual manufacturing companies. In a highly competitive economy, modernization is the key to survival.

How Modern is "Modern"?

Age of production facilities is not, of course, necessarily an indication that they are obsolete. There are many plants where twenty or thirty-year-old machines are still doing a satisfactory job. In other plants, relatively new machine tools are discarded because of the advent of newer machines that can produce more efficiently or to closer tolerances.

The answer to the question "How modern is modern?" depends on the answer to three other basic questions:

1. Can the product be produced more efficiently on a new machine?
2. If so, what are the potential savings in labor, overhead or materials?
3. Based on these savings, will it pay to replace the existing machine?

If the answer to the third question is yes, then the existing machine is obsolete, irrespective of its age or condition. Various formulas have been developed to furnish guides for replacement policies, but they all can be reduced to the one fundamental question: "Will it pay?"

No offhand answer to this question is possible in most cases. A detailed study of possible alternatives is almost always mandatory. Many companies find that a teamwork approach is best when studying modernization possibilities. Members of the modernization team should:

1. Know the product, particularly in terms of functional requirements
2. Be familiar with the current manufacturing method and be aware of possible alternative methods
3. Have an understanding of materials
4. Understand how manufacturing costs are determined.

Typically, such teams are made up of product designers, tool engineers, materials engineers, work standards engineers, cost accountants and, where needed, other specialists. Members of the team should be aware of long-range plans concerning the product itself. If a product will be replaced by a new model in a few months, efforts should be concentrated on developing modern manufacturing methods for the new product, rather than for the product that is being phased out. Similarly, the size of production lots and the total number of parts to be run during the life of the product will influence modernization studies, as will total manufacturing cost per unit.

Preliminary studies by the team quickly disclose those areas where further analysis of modernization possibilities is justified. The next step is to list all possible alternative production methods. Once this is done, cost and quality considerations can be analyzed in detail to determine the most feasible steps in modernization. In progressive operations,

the effects that modernizing one operation will have on other operations in the production line should also be considered.

Some Modern Methods

The task of the modernization team is complicated by the very diversity of the ways and means of modernizing available machines and methods. In the field of presswork, for example, there have been scores of major improvements during the past decade. Taken as a group, all types of presses are capable of more reliable performance, somewhat faster operation and greater over-all efficiency. Special coil-fed press types, coupled with appropriate tooling, are designed for extremely high-speed operation for mass-production operations. Coil feeders, stock straighteners, special conveyors and automatic loading and unloading devices have made fully automatic press lines a production reality. Thus pressroom modernization for high-volume operations is no problem.

At the opposite end of the scale, low-volume blanking and forming can now be performed economically by using steel-rule dies, plastics dies and similar low-cost tooling. For short-run production, modernization often consists of installing facilities to produce such tooling. Punching operations can be performed on turret punch presses that pierce individual holes at high rates of speed. For somewhat higher production volumes, the use of standard die sets with quickly interchangeable punches is an attractive way to keep costs down and reduce lead time.

In the machining field, perhaps the most significant development of the past decade has been the advent of improved cutting tool materials—notably the ceramics and the tougher grades of carbide. Production experience has shown that ceramic tools, on a suitable machine, are capable of performing finishing operations at much higher speeds than conventional tools. Finishes are often equivalent to those produced by grinding, eliminating the need for subsequent grinding operations.

A new breed of machines, capable of utilizing the potential benefits of ceramic cutting tools, is rapidly coming into existence. These high-speed machines should definitely be considered when modernization is being studied. For existing operations where machine vibration precludes the use of ceramics, the possibility of using powder-metal cutting tool shanks should definitely be investigated. The cost of such modernization is low, yet the vibration-dampening characteristics of these shanks usually permit much higher cutting speeds with conventional tools and may make the use of ceramics possible.

The possibilities of automation are usually exploited in mass-production operations. Short-run

automation, however, is fast gaining acceptance. Use of standard building-block machine heads and standard indexing tables or transfer tables makes it feasible to apply the benefits of automation for medium and short-run production.

Numerical control, another form of automation, is rapidly coming into its own. Types of systems range from relatively simple positioning controls, used for drilling and similar operations, to elaborate contour milling controls. Despite the seemingly



For short-run forming operations, metal-filled epoxies offer a combination of low cost and short lead time. Modernization programs might well include facilities for plastics tooling.



Barrel finishing eliminates the need for hand finishing operations. Developments during the past few years have made barrel finishing a precision process.

high initial cost of numerical control systems, many companies have found that the greatly increased productivity resulting from the application of numerical control has resulted in a payoff period of only a few months. Added benefits are improved repeatability, reduced costs for fixtures and shorter lead times. Despite the aura of mystery surrounding numerical control, most systems can be utilized by tool engineers and machine operators after a brief training period. Modern tracing equipment, too, is fast and reliable for contouring operations. Some of this equipment is fully automatic and can follow three-dimensional contours.

Where machining fixtures are required, modernization teams frequently consider the possibility of using standard building-block components that can be assembled into various types of fixtures as required. Use of these components cuts lead time, eliminates the need for extensive fixture design and fabrication work, and therefore cuts costs.

The free-machining steels and nodular irons give improved machinability—hence longer tool life at higher cutting speeds—and represent an important avenue to lower costs.

Another possibility that should be studied is the elimination of extensive machining operations by

small parts usually produced by machining methods. Elimination of metal cutting results in substantial savings in materials.

Rotary extrusion—known by such names as Spin Forging, Floturning, Hydrospringing and others—has demonstrated important savings in the production of cylindrical and conical parts. New techniques of precision forging and precision casting also save material, machine time and effort.

A comparatively new family of machine tools—the belt finishing machines—provide a fast and convenient method for polishing, deburring and generating radii on parts. Modern abrasive belts give excellent service and, with the development of improved adhesives and abrasive types, can be economically used to remove larger amounts of metal than formerly was the case.

Barrel finishing has developing from a rough deburring process to a precision finishing process during the past few years. The potential savings involved in changing from hand-finishing operations, where parts are worked on individually, to barrel finishing, where hundreds of parts can be deburred or polished simultaneously, are obvious.

Wire brushing, once a manual process, has also evolved. Special wire brushing machines improve surface finishes and blend contours automatically and, at the same time, improve the performance characteristics of the part.

Assembly modernization may involve the development of automatic assembly techniques. Many equipment makers are experienced in designing and building special assembly machines. Some companies, however, prefer to design and build their own machines, using readily available parts feeders, conveyors, standard air presses and the like. Welding, riveting and similar assembly equipment ranges from manual to fully automatic. The degree of automaticity involved in modernization depends on the type of product and the assembly schedules.

Another field for modernization is inspection. Here the trend is toward eliminating the need for calculations and judgement on the part of the inspector. Automatic air gages, capable of measuring dozens of dimensions simultaneously, are a case in point. Optical comparators, another group of inspection instruments that are being widely adopted, permit complex contours to be checked quickly with minimum possibility of error. Often, too, inspection equipment is incorporated directly in the production line, permitting evaluation of quality while parts are still in process. Feedback devices permit correction of machining conditions immediately.

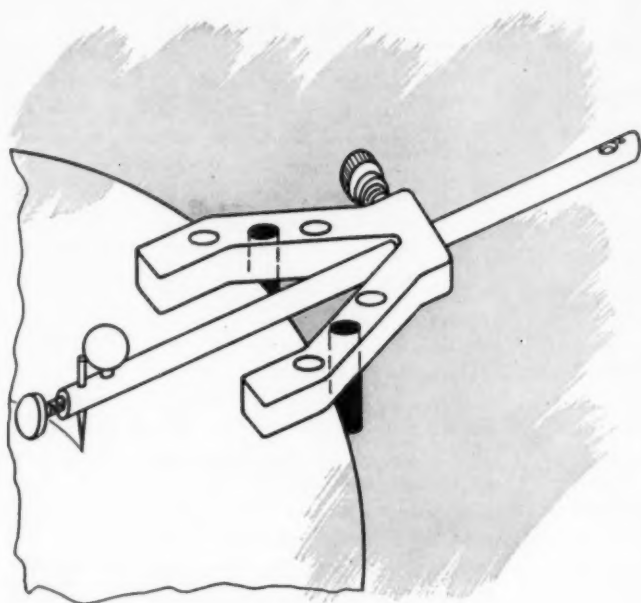
This list of areas where modernization is possible and desirable could be extended almost indefinitely. Opportunities for modernization exist in almost every plant. The time to investigate them is now!



Modernization programs should include adoption of up-to-date inspection methods, including the use of optical equipment.

adopting one of the "chipless machining" processes. Threads can be rolled at high rates of speed and the resulting threads have better metallurgical structures than machined threads. Splines can be cold or hot rolled at lower cost than is possible with conventional hobbing equipment.

Cold extrusion, once largely limited to artillery shell case production, is now being applied to a host of products. It is particularly adaptable to



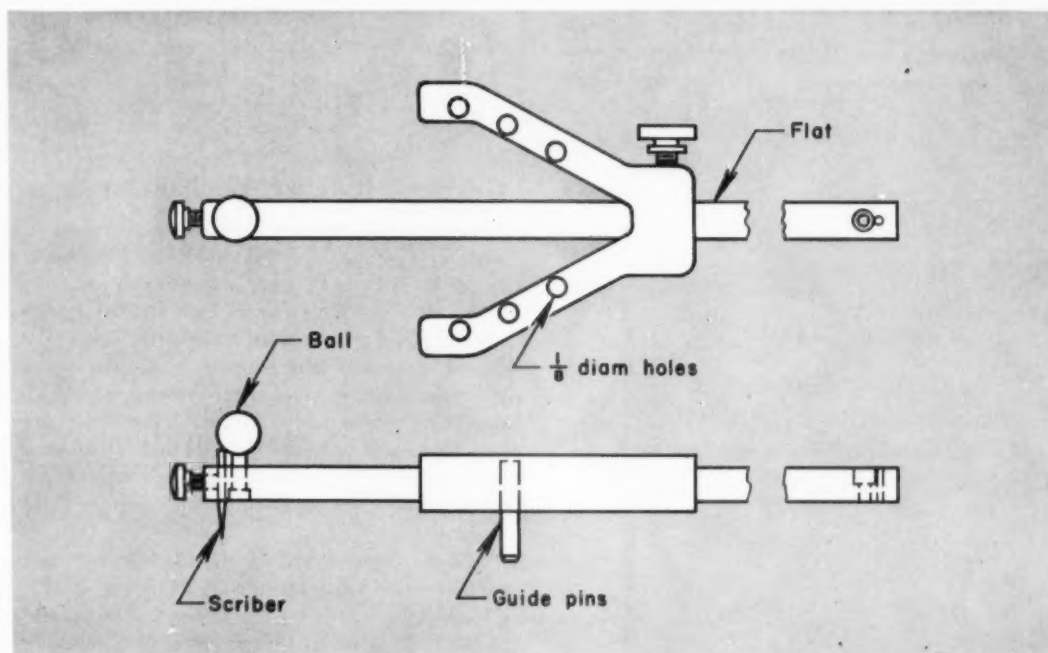
LAYING OUT FROM OD

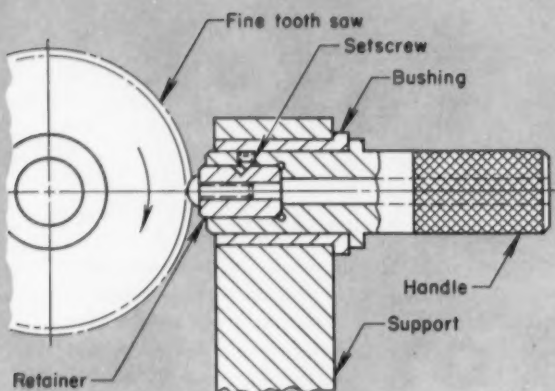
Layout Tool

Layout work can be made faster and more accurate with the tool illustrated. This tool can be used for laying out circles from a bore or an outside diameter of any size.

Guide pins should be a snug slip fit in the holes of the body of the tool. The scribing point can be placed on either end and the pins moved to any combination of holes to use the tool to advantage. Placement of the pins provides rough adjustment, then the body is moved on the shaft to the exact setting required. The tool can also be used for scribing lines parallel to a straight surface.

*Edward J. Lampert
Pittsburgh Chapter*





Screw Slotting Fixture

Small-lot production of special screws requires equipment that is inexpensively constructed and easy to use. The fixture illustrated affords rapid processing of screws while cutting driver slots.

The screw to be slotted is loaded into the retainer, which is held by a setscrew. A bushing pressed into the support guides the screw and handle into the saw. A shoulder on the handle stops the handle when it has been pushed far enough to produce the required slot depth. The support remains stationary. By using different retainers the slot depth can be varied and different size screws can be slotted.

*F. C. Elmo
Dayton, Ohio*

Gear Pitch Measurement

Occasionally it is necessary to determine the diametral pitch of a gear that is located in a place where measurement is awkward or where measuring tools are not available. The pitch can be found quickly with a six-inch scale by measuring around a small portion of the circumference. Starting at a given point, rotate the scale around the tip diameter. The number

of complete teeth in $3\frac{3}{16}$ inches is equal to the diametral pitch. It is important to keep the rule from slipping to avoid obtaining a false reading. This system is especially valuable for use in such places as on top of a crane or on large machinery.

*John M. Breen
Pittsburgh, Pa.*

Contributions for these pages describing short cuts for the tool engineer are welcome. Finished drawings are not necessary. Honorariums for accepted articles are sent upon publication.

Gearless Ratchet Mechanism

Conventional unidirectional driving mechanisms, employing toothed ratchet wheels and oscillating spring-loaded pawls, have several practical disadvantages. They are noisy at high speeds; there is always some lost movement between the driving and driven elements; and slippage commonly occurs when the pawl or wheel teeth become worn. The ratcheting mechanism illustrated is free from these drawbacks and embodies a device that can be easily preset to allow the drive to slip safely and automatically at any given overload resistance on the driven elements.

Major components of the driving mechanism are a grooved steel disk secured to the driven shaft by a Woodruff key; two hardened steel levers, mounted on the shaft to swivel freely; a steel block fitted be-

Gadgets

tween the two levers; and a hardened-and-ground steel roller. The disk is the driven element; the roller transmits driving force.

The roller rides in a slot at the bottom of the steel block, as shown in the side view of the mechanism. Length of the slot is slightly greater (0.040-0.050 inch) than the diameter of the roller. The base of the slot, shown in heavy broken line, is inclined in the direction indicated to about 5-7 degrees. This inclined surface is flat and smooth, providing an effective bearing for the roller. Length of the roller is about 0.005 inch less than the width of the groove in the disk. The roller is, of course, ground perfectly parallel.

A hardened steel plunger slides freely within a guide hole drilled in the sidewall of the block. The end of the plunger is spherical for bearing against the roller. A light coil spring backs against the plunger; thus the roller is forced toward the right end of the slot.

The overload device comprises a fine-pitch set-screw threaded through a hole in the wall of the block. When the screw is adjusted so that its tip projects into the slot, it then acts as a positive stop to limit the rightward movement of the roller when that member passes into driving engagement with the disk. With the movement of the roller thus arrested and controlled, any additional resistance to

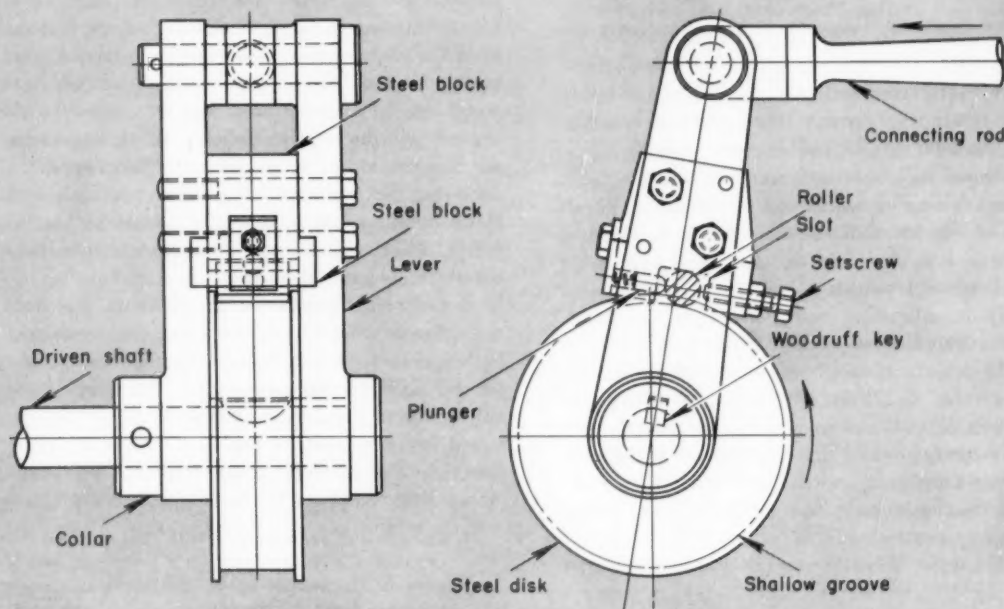
the intermittent rotation of the driven shaft causes the ratcheting mechanism to slip, since the roller cannot be drawn into more powerful contact with the disk and block.

The right-hand sketch shows the mechanism in the driving position. As the connecting rod moves to the left, the roller is wedged between the inclined base of the slot and the groove in the disk, at a point near the shallow end of the slot. All members of the mechanism move in complete unison and the driven shaft is rotated in a counterclockwise direction.

As soon as the movement of the connecting rod is reversed, causing the levers to move to the right, wedging contact is released and the levers return to their right-hand terminal point without imparting any corresponding reverse movement to the disk.

Length of the working stroke on the connecting rod and the levers can be varied within wide limits without impairing the efficiency of the drive. The mechanism works equally well at low, medium or high speeds. Because of the almost instantaneous pickup of the drive, the mechanism is particularly effective when the connecting rod has an extremely short reciprocating stroke. Its length of stroke can, in fact, be much less than the pitch distance of any normal toothed ratchet wheel.

*W. M. Halliday
Melton Mowbray, England*



Cost Estimating

... how to minimize the dangers of chance

By L. E. Doyle*

Professor of Mechanical Engineering
University of Illinois
Urbana, Ill.

Statistics for cost estimating is not just a gimmick to exercise the mind or to provide a trick solution. It is a valuable and dependable tool for all aspects of estimating. The applications discussed demonstrate a practical approach for predicting costs—often the difference between success and failure of a project.

COST ESTIMATING is like a game because uncertainty is always present. If complete information were available to determine costs with certainty, there would no longer be a need for estimating. But this is a changing world and performance differs more or less for each estimate. To keep ahead of the game, it is necessary to understand and use to advantage the laws that govern it. New techniques to help in estimating costs have been developed.

An outstanding study has been made to ascertain the major causes of substantial errors in estimating. Out of 125 industrial projects ranging in size from \$100,000 to several million dollars, nine large projects showed that actual costs for plants, equipment and tooling were more than 30 percent higher than estimated. The most significant causes for underestimates were as follows:

40%: Higher than anticipated labor and material rates in an inflationary period

40%: Inadequate design information at the time of the estimate

10%: Unexpected delays which resulted in premiums paid for overtime and materials

10%: Estimators' errors and incompetence.

In the same study, 20 plants showed a loss during the first year of operation, and 32 earned less than 50 percent of the estimated earnings. The causes for deficiencies were in these proportions:

25%: General business conditions and unavoidable delays

50%: Faulty market analyses

25%: Persistence of production "bugs."

Although this study shows the cost estimator in a rather good light, it decidedly points out the need for improvement in estimating practice. Actually, most of the specific causes cited are normally beyond the control of the estimator. To do a good job, the estimator should be able to evaluate how his estimates are likely to be affected.

So far the problems have been concerned with low estimating, but overestimating can be just as costly. In a typical situation there are numerous overly high estimates as illustrated in Fig. 1. In a study of 157 estimates of tool costs, the average estimate differs from the average ultimate cost by less than 4 percent. On the average the estimator did well, but the performance on every job is not nearly so favorable. Obviously, each job estimated low represents a real loss. Although these losses are balanced by gains from the high estimates, this is not desirable. High estimates:

1. Cause loss of customer good will. The estimates depicted in Fig. 1 were made in a prosperous period when it was possible to sell the jobs even though they were high. A customer is likely to know when he is overcharged and dislikes to pay a premium

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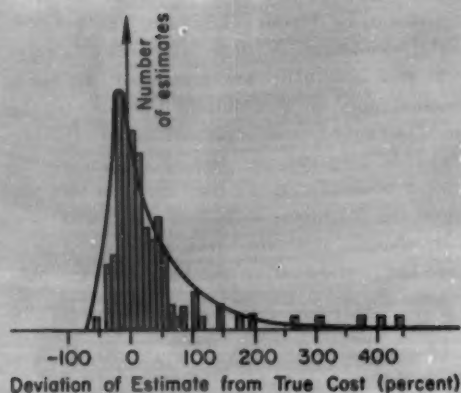


Fig. 1. Typical spread of estimates of costs for various tooling jobs, showing how estimates deviate from actual cost, sometimes by as high as 400 percent.

2. Lead to overbidding and loss of contracts on specific jobs. Often the amount of business lost because of high estimates is never known because the estimates do not lead to projects against which they can be checked
3. Cause the rejection of proposals that could be profitable
4. Lead to waste in design and fabrication when estimates become the initial standards of performance.

Causes of Errors: Some of the errors in cost estimating are biased, that is, they follow a trend. Among them are high costs resulting from price rises after estimates are made and faulty estimates based upon old prices not fully adjusted to changed conditions. Other errors occur at random, sometimes high, sometimes low. They result from causes such as delays, troubles in operations and so on.

Causes of errors in cost estimating are comparable to assignable causes and chance causes in statistical quality-control work. In that area, the formula for success is to find and eliminate the assignable causes and also measure the probable effect of and control of the chance causes. In that way, a dependable picture is presented of the true level and the likely deviation of quality in a manufacturing operation. Warning is given immediately when conditions get out of control, making large losses imminent. Much the same methods can be utilized by the cost estimator.

How To Forecast Trends: Certain costs follow definite trends and must be evaluated to determine the costs under various conditions. Three common examples are:

1. Variations of costs of labor and materials with economic conditions are related in common terms to inflation and deflation

2. Cost of a machine or piece of equipment of a certain type varies with size or capacity. Larger sizes can be expected to cost more than smaller ones but not necessarily in direct proportion
3. Time and therefore cost of performing an operation decreases as the number of units produced is increased. This trend is conventionally shown by learning curves.

Changes in costs are important in cost estimating. A proposed project may be similar to one completed several years ago and for which cost figures are available. In several years, though, the basic labor and material rates may rise or fall appreciably. The precise extent of these changes must be known to estimate the current project cost accurately. Also, a project for which the cost is estimated today may not be built for months or years to come. An estimate of what the cost will be in the future is really what is needed.

For some circumstances, one or more of the many published price or cost indexes may be helpful in evaluating past changes in costs or forecasting future trends. A price or cost index consists of a series of index numbers, each calculated to show the price level for a particular time in proportion to the level at a reference or base period. No one index fits all cases.

As an example, one maker of plastic molds reported success in coordinating cost figures with the Bureau of Labor Statistics Cost of Living Index. He found that a change of one point in that index coincided with a change of $\frac{1}{2}$ percent in mold costs. For instance, records may show that a certain mold cost \$923 in May 1945 at which time the index stood at 87. That mold cost is adjusted to a figure for July 1947 corresponding to the index of 100. The adjusted mold cost is $923[1 + (100 - 87) \div 2(100)] = \983 . This is the basis for estimating molds of the same type at the later dates.

If published indexes do not fit the specific needs of the cost estimator, he can make his own. This is not difficult and is often done. Instructions can be found in several of the references at the end of this article. Once the index has been constructed, adjustments in cost can be made to conform to it.

How To Ascertain Cost from Capacity: A typical illustration of how cost increases with size or capacity is given in Fig. 2 based on 30 quotations for engine lathes in December 1952. Points are plotted for lathes with swing capacities from 12 to 48 inches, having a basic length of about 54 inches. Each size may be represented by several models of different weights and power capacities. Each point shows the quoted price plotted against the weight of one machine. One way to use such data is to draw a curve by sight to suit the points and then take points off the curve to estimate the

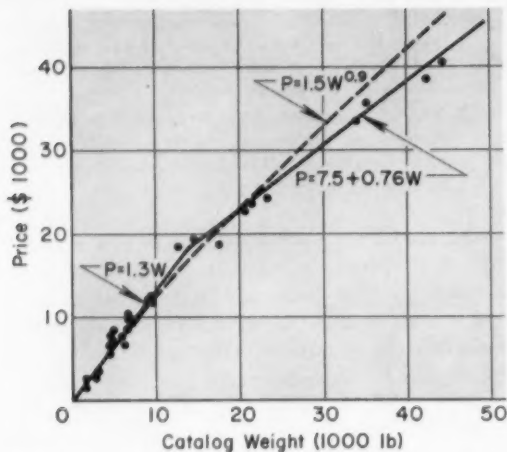


Fig. 2. Charts of price vs. weight for engine lathes. Thirty quotations are shown by dots with three approximate formulas fitted to them.

costs of machines for capacities other than those plotted. Many estimators find it convenient to fit simple mathematical curves to the points and use the formulas for estimating costs.

A common way of fitting a curve to a series of points is by the method of least squares. This results in a line or curve such that the sum of all the squares of the differences between the data points and the curve is a minimum. Details of the techniques are given in texts of elementary statistical methods. A large number of curves are available, some fitting more closely than others. Of a number that conformed fairly close to the data in this case, the logarithmic relationship $P = 1.5w^{0.9}$ was found the best. The symbol P is price in \$1000 units, and w is weight of the machine in 1000 lb. units. An even closer fit is obtainable from the line $P = 1.3w$ for weights below 14,000 lb and $P = 7.5 + 0.76w$ for machines weighing over 14,000 lb. Straight-line relationships are simpler and preferable to curves if they conform reasonably well to the data.

The use of a cost-capacity ratio together with index numbers to make a cost estimate can be illustrated by a simple example. Suppose it is necessary to make an estimate of the cost of a 26 x 90-inch engine lathe weighing 30,000 pounds. From the relationship given in Fig. 2, the price of a 54 inch long lathe of this size in December 1952, was $P = 7.5 + 0.76 \times 30 = 30.3$ or \$30,300. Also, a similar relationship was found to the effect that price increased about \$600 for each foot of length in addition to the basic length of 54 inches. That calls for an addition to the price of $3 \times 600 = \$1800$, in this case. The total price is estimated to be \$32,100 as of December 1952. In that month the Bureau of Labor Wholesale Price Index for Metalworking Machines was 129.0. At the time of

quoting, however, it rose to 171.3. Thus the price is estimated to be $32100(171.3/129.0) = \$42,600$.

Where estimating is done for many similar projects that eventually are completed, so much information may be accumulated that it must be classified, stratified, and organized to be of value. Cost-capacity formulas and factors are among the convenient means for doing that. Such factors can be found for machines, tools and equipment.

As an example in another area, the costs of boilers have been estimated on the basis that the purchase price $P_2 = P_1 R^{0.6}$, where R is the capacity ratio between a boiler of known price P_1 and another of unknown price. Thus, if a boiler having a capacity of 5000 pounds per hour costs \$10,000, what is likely to be the cost of one with a capacity of 15,000 pounds per hour of steam? The capacity ratio is $15,000/5,000 = 3$. Price of the larger boiler is estimated to be $P_2 = (10,000) 3^{0.6} = \$19,300$.

As indicated by the points in Fig. 2, costs estimated by formulas or factors are only approximate. Of course firm prices may be obtained by getting quotations on standard machines or detailed estimates of special equipment. That should be done when complete and final estimates are to be made. However, many estimates must be made in a hurry and time is not available to obtain quotations. Under some circumstances, only an approximate figure is needed anyway and the cost of making a detailed estimate is not justified. What is helpful then is a way of evaluating expected estimating errors.

Learning Curves: It has long been recognized that the average time taken per piece for some kinds of operations decreases as the number of pieces produced increases. An average condition of this sort in the aircraft industry is depicted by Fig. 3. This particular learning curve stands for an operation for which the cumulative average time per piece for any quantity of pieces is 80 percent of the corresponding time for half as many pieces. A curve of different slope can be expected for each type of operation. An operation on an automatic machine will probably show no change in cycle time as more and more pieces are produced. Typical curves have been reported to be 90 percent for hand-fed punch-press operations, 80 percent for burring, sanding, and hand forming, and 70 percent for assembly operations. Obviously, to estimate the time required for an operation requires consideration of its learning curve and the number of pieces to be made.

Learning curves originated in the aircraft industry but have been found valuable in other industries as well. They have not been found applicable to operations paced primarily by automatic machinery. When more human skill is required, more improvement is obtained with practice. This results from:

1. The ability of workers to learn and improve their work through repetition
2. The diminution of conscious attention as a routine is learned
3. Improvements in methods as more time becomes available to study an operation
4. Improvements in allied operations such as materials handling
5. Reduction in the amount of scrap as the workers become more proficient
6. Improvements in tooling.

The learning curve for a particular case may be ascertained by plotting points based on performance of previous jobs or conforming to estimates made by a foreman or some one familiar with the work. The latter method has been found surprisingly dependable.

A learning curve is essentially a straight line on log-log coordinates, like Fig. 3, that follows the relationship $y = Ax^{-k}$. The factor y is the cumulated average time in minutes or hours per piece; x is the corresponding number of pieces; A is a constant with a value of the number of minutes or hours to make the first piece; and k is an exponent depending upon the slope of the curve.

In some cases such curves have been found to apply to quantities as large as are normally produced; in other cases a limit has appeared after which the curve flattens out as indicated by the dotted lines in Fig. 3. In addition to the cumulative average time, the unit time for each incremental piece may be indicated by a lower parallel line. Actually the unit time on the scale shown is a curve asymptotic to the unit time line.

Why Cost Estimates Vary: Even if adequate corrections are made for price changes, differences in the sizes of projects, labor efficiencies and other factors that introduce specific bias, estimates can still be expected to vary somewhat in the manner indicated in Fig. 1. Usually, the less information on which an estimate is based, the larger the estimate is likely to be in error. Often time is lacking or the cost is not warranted to obtain complete information. The chart in Fig. 4 defines and distinguishes among various grades of estimates. It is typical of a means used by some estimators to show the relative merits of various types of estimates.

The top line of Fig. 4 depicts the conditions for the best possible type of estimate. This is designated as Type A and takes all pertinent information into account. On the bottom at the other extreme is the roughest called Z. Such an estimate might be based on the assumption that a dollar's worth of annual sales requires a dollar's worth of plant, which is not a bad across-the-board assumption in some industries. In between the top and bottom, a number of intermediate grades of estimates are stipulated. For each grade, the chart indicates what information is customarily available, the cost to prepare the estimates for projects of various sizes, the probable precision of predicted project cost, and a recommended contingency figure. The values are, of course, hypothetical.

On the left at the top of the chart of Fig. 4 is a list of the points of information needed for cost estimating. The types of estimate differ not only in the amount of information needed for each but also in the methods in which the estimating is done. Method 1 for a Type A estimate depends upon firm

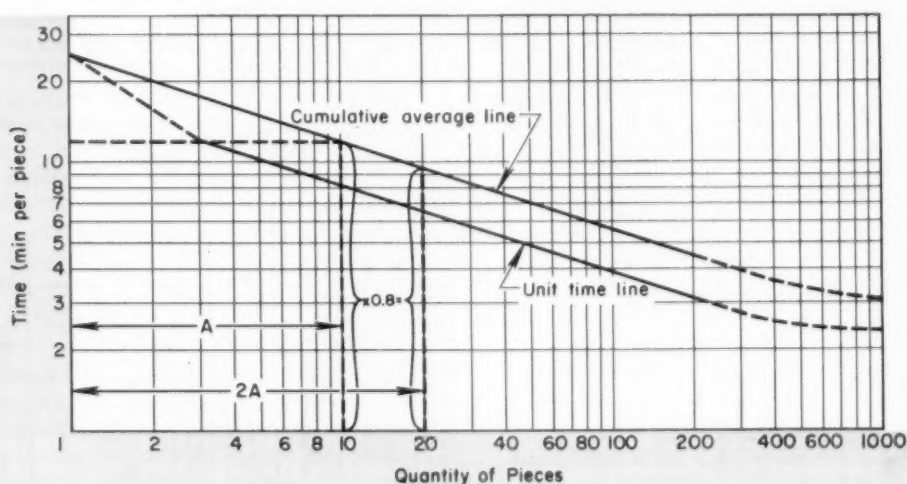


Fig. 3. An 80 percent learning curve showing cumulative average and unit time lines.

quotations of machines, equipment, tools and materials and a detailed synthesis of all operations.

After all, there are only two ways of estimating the cost of a basic item. One is by comparing the item with one previously made. The cost of the present item is judged on the basis of the cost of the previous. The other way is to multiply some characteristic of the item, such as weight in pounds, by a rate or factor, such as dollars per pound. As the method becomes more approximate, more use is made of factors. In Method 2 the installed equipment cost may be estimated by multiplying the quoted and estimated prices by factors. All auxiliary equipment and tooling may be estimated by adding a percentage to the cost of each machine. The extreme is found in Method 7, where the entire capital cost is found by means of one factor.

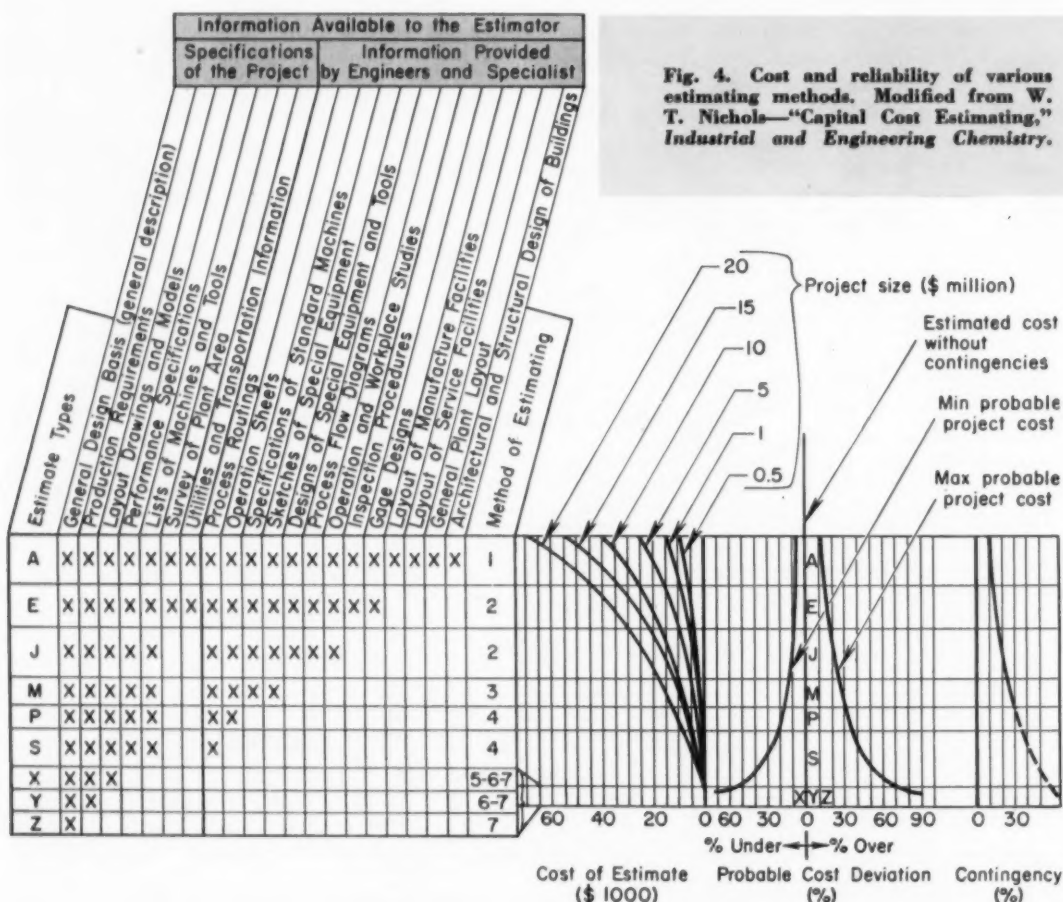
The kind of information employed for each type of estimate is designated in Fig. 4. Even with the same kind of information available for two jobs and the same method used for estimating both, one may be over and the other under when the jobs are completed. One may get all the breaks, the other all the bumps. The probable ranges of precision

for the various types are indicated by the curves.

The cost of making an estimate depends upon the type of estimate, the method of estimating, and the size of the project. Curves in Fig. 4 indicate how costs of estimating vary with those factors. For instance, a Type A estimate for a \$1,000,000 project costs between \$9000 and \$15,000.

The last curve to the right suggests the contingency that should be included when an appropriation is requested to avoid the possibility of being "caught short." The curve is dashed at the lower end to indicate that the lower grades of estimates are not to be used for appropriation requests.

Those who have used charts like the one in Fig. 4 have reported that they have helped show what each estimate means. By use of such a system, it has been found possible to communicate freely within an organization on the subject of capital cost estimates and to be definite and quantitative in rather simple terms. It is suggested that others can adopt this scheme to advantage by reshaping it in accordance with experience. If information is available for one type of estimate, the estimator can readily show what is needed for a higher grade



estimate and what the additional cost is likely to be. The chart helps show the difference between two grades of estimates, say types M and S. For a \$5,000,000 project, those two types will cost about \$5000 and \$2000, respectively. The maximum project actual cost may exceed the Type M estimated cost by 30 percent and the Type S by 40 percent. In many cases, the extra \$3000 cost and time needed for the Type M estimate may not be warranted for a 10 percent closer estimate.

Oftentimes the most precise type of estimate is not justified, and this form of chart can be used to ascertain whether that is so. It may be a waste of money to spend a great deal to ascertain capital costs precisely if such information is to be used to ascertain return on investment along with figures representing sales volume and price structure which are almost guesses by comparison.

From the chart, it may be determined that the best Type A estimate for a \$5,000,000 project is likely to cost about \$25,000. On the other hand, a good Type J estimate will run about \$9000—a considerable difference. The spread of possible error is about 20 percent for the Type A estimate and around 30 percent for the Type J estimate. The maximum probable actual cost based upon a Type J estimate might be about \$1,000,000 above net estimated cost on a \$5,000,000 project; and a Type A estimate might run \$650,000 above the estimated figure.

The question is whether the \$350,000 difference in the precision of cost forecasting is worth the approximately \$16,000 additional expenditure. That is about six percent of the probable maximum project cost. It has been said that it would be an unusual project that would be thrown out because of an additional six percent capital requirement.

It is emphasized that the mere act of estimating adds no value to a job; it does not of itself change the final costs except as it provides an incentive. However, estimating is a valuable tool for evaluating, comparing alternatives, developing designs, and making decisions. On this basis the best use of estimates can be made by selecting and arranging the methods wisely to get the most return from the amount expended. There is little to be gained in using elaborate methods, if less elaborate ones will serve as well. And also, elaborate methods are meaningless without good information.

Whether or not an estimator develops and uses charts like Fig. 4, the situations with which he deals are going to be like those depicted by the chart. In the past, most estimators have been satisfied to give a single figure for each job and let the recipient guess at its reliability. In the future, estimators will utilize techniques for determining how much their estimates are likely to be in error. The amount of probable error in a total estimate

depends upon the inherent errors in estimating the basic items that go into making the estimate and the number of these items. Thus, to evaluate the accuracy of estimates, one must understand how to calculate the extent of errors in basic items and how to appraise the effect of the accumulation of errors in the total project.

How To Calculate the Errors in Basic Estimates:

The time or cost of most manufacturing operations are estimated on the basis of what the time or cost has been for a similar operation in the past. The estimate can be no better than the information available. The same statistical techniques used for quality control of manufacturing operations can be utilized to evaluate and control operation cost. Time and cost are just as much operation characteristics as are dimensional or other physical factors. Such statistical methods can be and are used to find the average and variation of the time or actual cost of:

1. Operation elements
2. Whole operations
3. Whole processes and products, including tools
4. Variances of actual time or cost from standard costs
5. Variations in performance from estimated amounts.

Several examples will illustrate the main concepts of value in applying the techniques to cost estimating. Hypothetical minutes per piece taken from time cards for a keyway slotting operation are arranged in groups of five in TABLE 1. The average \bar{x} , the range from highest to lowest value R , and the standard deviation σ have been calculated and entered in the table for each group. On the basis of the totals, the grand average $\bar{\bar{x}} = 4.97$, the average range $\bar{R} = 0.37$, and the average standard deviation $\bar{\sigma} = 0.13$ have been calculated.

The average and ranges for the groups are plotted on the form of the statistical quality-control chart in Fig. 5. The standard formulas specify the control limits for the \bar{x} chart as $\bar{x} \pm A_2\bar{R} = 4.97 \pm 0.577(0.37) = 5.18$ and 4.76 , and for the R chart as $D_3\bar{R}$ and $D_4\bar{R} = 0(0.37)$ and $2.114(0.37) = 0$ and 0.78 . The range is commonly calculated and charted instead of the standard deviation of the groups because it is easy and close enough for practical purposes. A formula for an estimate of $\sigma = 0.37/2.326 = 0.16$. The factor d_2 depends on the standard deviation of the universe is $\sigma' = \bar{R}/d_2$ the group's size and is given in statistical tables.

The foregoing calculations tell us that the time for the operation under consideration should have an average value of 4.97 minutes if future operations are conducted under substantially the same conditions as in the past. Furthermore, the time for practically all such future operations should fall between 4.49 and 5.45 minutes per piece, for 95 percent of future operations between 4.65 and 5.29

minutes, and for $\frac{2}{3}$ of the operations between 4.81 and 5.13 minutes per piece. This situation is true only to the extent that the variations result from chance causes and the observations come from a normal universe. An approach to normality is indicated as long as the points fall in a fairly uniform pattern within the control limits.

The control chart method has several advantages to recommend it for the analysis of cost data where it is applicable. It is based upon fully tested, highly refined and easy to use methods. It pre-

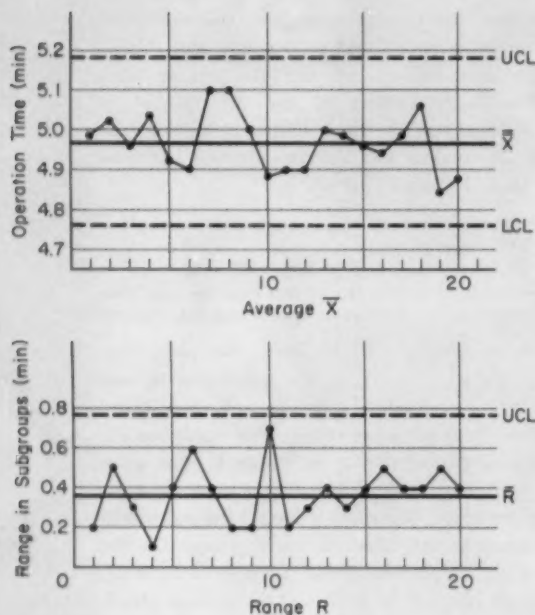


Fig. 5. Control chart for time to perform keyway cutting operation on various parts.

sents a picture that is easy to interpret and explain to others. Also, the chart may be continued by plotting points for data from future jobs and thus provide a means for continued cost control. If costs get out of control, the chart will show it.

Other means than the control chart can be utilized to obtain the same basic information, an average, standard deviation, and indication of the normal distribution of the data. An average may be obtained by adding together all the individual operation times without grouping them and dividing the sum by the number of items. This gives the same \bar{x} as obtained from TABLE 1. The standard deviation of the whole sample may be calculated directly from the formula

$$s = \sqrt{\frac{\sum(x^2)}{n} - \left(\frac{\sum x}{n}\right)^2}$$

or from one of several variations that simplify the arithmetic. Here $\sum(x^2)$ stands for the sum of the squares of all the items, and n for the number of items. An estimate of the standard deviation of the universe is

$$S = s \sqrt{\frac{n-1}{n}}$$

In this case s is found to be 0.16, the same as from the control chart calculations.

How well the distribution of the data under consideration conforms to a normal distribution can be estimated by a statistical device called the Chi Square Test. The formula is

$$\chi^2 = \sum \left[\frac{(f_o - f)^2}{f} \right]$$

where χ^2 is the chi square, f_o , the frequency of the data in a given class interval, and f , the theoretical frequency of a normal distribution in the same interval. Calculations for this case are shown in TABLE 2 for 11 class intervals. The chi square in this case is found to be 4.75. This value is found in a chi square table, given in reference books on statistics, to indicate that the probability is 0.95 that the data under consideration came from a normal distribution. This is a high probability, because certainty is indicated by 1.

How To Estimate the Accuracy of Trend:

It was pointed out earlier that costs estimated from formulas or factors are only approximate and a way of evaluating the errors is helpful. The formulas derived from the data plotted in Fig. 2 may serve as an example. A measure of the scatter of points around a line or curve is the standard error of estimate

$$S_y = \sqrt{\frac{\sum(d^2)}{n-2}}$$

which is similar to the standard deviation. The symbol d stands for the difference between the ordinate of a point on the curve and the ordinate of a plotted point having the same abscissa. The line $P = 1.3w$ in Fig. 2 reflects the trend of 20 points. From them the standard error of estimate is calculated to be $S_{1y} = 0.91$. That indicates that $\frac{2}{3}$ of all prices estimated from the line should be within \$910 of the true price, and 95 percent of all such price estimates are likely to be within \$1820 of actual prices.

The standard error of estimate is $S_{2y} = 0.86$ for the upper line of Fig. 2, having the equation $P = 7.5 + 0.76w$.

The correlation coefficient is recognized as an indicator of how well a line fits the plotted points. Its formula is

$$r = \sqrt{1 - \frac{S_y^2}{S_x^2}}$$

The factor S_y is the standard error of estimate, and σ_y is the standard deviation of the distribution in the y direction of the plotted points. For the points in Fig. 2 about the line $P = 1.3w$, the correlation coefficient r is calculated to be 0.96. This indicates a good fit, because the coefficient would be only 1 if the line went exactly through all the points.

How To Estimate Costs: The method of determining cost and likely variations on the basis of a single factor has been illustrated by the relationship between the weights and prices of engine lathes and can be elaborated upon to set up equations for ascertaining costs from two or more factors. The statistical technique used is called multiple correlation or regression and is explained fully in textbooks on the subject. This method has been used with success in predicting product development costs, which have generally been considered difficult to estimate.

A complete study was made of the application of multiple regression techniques to pricing sheet metal forming tools by Alan Gepfert for a thesis at Case Institute of Technology. The factors analyzed to determine their relation to the cost of the product were (1) the shape of the section to be formed, (2) number of passes, (3) number of tool steel pieces, (4) number of mild steel pieces, (5) strip width, (6) diameter of final top roll, (7) diameter of bottom roll, (8) estimated roll diameter, and (9) stock gage. Jobs that furnished incomplete information were eliminated, and 34 jobs were found suitable for the study. The analysis showed only two of the factors appreciably related to the costs of these jobs. They were the "number of tool steel pieces," designated by x_2 , and "strip width," by x_3 . An estimate of the actual cost of any roll was found to be $x_1 = 936.4 + 43.04x_2 + 172.8x_3$.

In the study cited, the equation was designed to give the mean value of the jobs, with an average minimum variability of \$779 per order and no bias. Before that, variability was \$1156 and bias, \$753 per order. If future orders are processed under the same conditions, their costs can be expected to conform in the same way to estimates made from the equation. However, the actual costs of future jobs must be checked against the estimates to make sure of continuing validity.

How To Analyze Differences in Estimates: Information used for making estimates may be collected from several sources, may be based upon various conditions, or may be treated in different ways. One way of determining the reliability of part or all of the data is to test it to see whether it is significantly different from one source than from another. Information that contains inexplicably large differences may lead to faulty cost

estimates. For example, an operation may be performed by different operators.

Different levels of performance are to be expected, but the question is whether the differences are matters of chance and unavoidable or whether they reflect definite differences in competence. Should the time for all be accepted as a basis for an estimate? As another example, two men may make the estimate of the costs of a certain kind of tool. Are the estimates made by both likely to be equally dependable? A typical case of this kind is given here to illustrate how such questions may be answered by means of a statistical technique called analysis of variance. Standard statistical texts present the details and qualifications of the methods.

For Estimator A, the differences in dollars between the estimated and actual costs of fifteen jobs were 17, 2, 33, -2, 11, 10, -22, -9, -1, 27, -45, 20, -17, -8, and 20. The difference between the average of the actual and estimated costs was only \$2.40, and the standard deviation of the sample of differences was \$20.

For Estimator B, the differences in dollars between the estimated and actual costs of fifteen jobs were 54, -35, 35, 57, 29, 21, 58, -16, 69, -29, -34, 57, -10, 58, -28. The average difference was \$19, and the standard deviation was \$38.

Estimator B on the average estimates higher than Estimator A and his individual errors are larger according to the samples. Is this just a chance situation or can it be expected over the long run?

The average of each sample is only an approximation of the mean of the universe of estimates from which it is taken. The averages of a large number of samples fall in a distribution about the mean of the universe. The standard deviation of this distribution can be approximated by dividing the standard deviation of a sample by the square root of the number of items in the sample. For Estimator A, this is $S_{\bar{X}_A} = 20/3.87 = 5.17$; and for Estimator B, $S_{\bar{X}_B} = 38/3.87 = 9.82$.

The difference between the average of the two samples is $19 - 2.4 = 16.6$. Whether that is significant or not depends upon how large it is in comparison with its corresponding standard deviation. This can be determined by a statistical device called the "t test." An estimate of the standard deviation of a difference of the means is $(S_{\bar{X}_A}^2 + S_{\bar{X}_B}^2)^{1/2}$ according to a common statistical formula. In this case it is $(123)^{1/2} = 11.1$. The pertinent measure of the significance of the difference then is $16.6/11.1 = 1.5$. This statistic is called t .

Statisticians have worked out a table that tells for each sample size what the probability is of getting values of t by chance alone. The table of t shows that in this case the probability is 17 percent that a difference as large as, or larger than, that experienced may result from chance alone

Table 1—Time for Keyway Slotting Operation

Group No.	Time (minutes per piece)					Avg. \bar{x}	Range R	Deviation σ
	a	b	c	d	e			
1	4.9	5.0	5.0	4.9	5.1	4.98	0.2	0.075
2	5.0	4.8	5.0	5.0	5.3	5.02	0.5	0.160
3	5.0	5.1	4.8	5.0	4.9	4.96	0.3	0.102
4	5.1	5.1	5.0	5.0	5.0	5.04	0.1	0.049
5	5.0	5.0	5.1	4.7	4.8	4.92	0.4	0.147
6	5.0	4.9	4.6	4.8	5.2	4.90	0.6	0.200
7	5.3	5.0	5.0	5.3	4.9	5.10	0.4	0.167
8	5.0	5.1	5.1	5.1	5.2	5.10	0.2	0.063
9	5.0	5.1	5.1	4.9	4.9	5.00	0.2	0.089
10	4.5	4.9	4.8	5.2	5.0	4.88	0.7	0.209
11	4.9	4.9	5.0	4.9	4.8	4.90	0.2	0.063
12	4.8	4.9	4.9	4.8	5.1	4.90	0.3	0.110
13	4.9	5.2	4.8	5.0	5.1	5.00	0.4	0.141
14	4.8	5.1	5.0	5.0	5.0	4.98	0.3	0.098
15	5.1	5.1	4.9	4.7	5.0	4.96	0.4	0.148
16	4.7	4.7	5.2	5.2	4.9	4.94	0.5	0.224
17	5.2	4.8	4.8	5.1	5.0	4.98	0.4	0.125
18	4.9	5.1	5.0	5.3	5.0	5.06	0.4	0.136
19	4.9	4.9	4.9	5.0	4.5	4.84	0.5	0.174
20	4.9	5.1	5.0	4.9	4.7	4.92	0.4	0.133
Total						99.38	7.4	2.613

$$\bar{x} = 4.97; R = 0.37; \sigma = 0.13$$

when there is no actual difference in the means of the universes from which the samples were taken. On this basis, the difference between the averages of the two samples would not be significant.

Another test may be applied to ascertain whether there is a significant difference between the spreads in estimating exhibited by the two samples. This is the test of F values, initiated after the eminent statistician R. A. Fisher who introduced it. The value of $F = S_b^2/S_A^2 = 1475/400 = 3.7$, on the assumption that both samples are taken from the same universe. However, the F table reveals that for this case a value of F as large as, or larger than, 3.7 would only be obtained in one case out of 100 by chance. Thus it is reasonable to reject the hypothesis that the variations found in the two samples come from the same universe and conclude that the precision of Estimator A is significantly better than that of Estimator B.

Table 2—Calculations to Determine Chi Square

Item	Value X	$(x-\bar{x})$ s	Number of Item, f_0	Theoretical Frequency, f	(f_0-f)	$(f_0-f)^2$ f
5.5	3.31			0.60	-0.60	0.6
5.4	2.69			0.67	-0.67	0.67
5.3	2.06		4	2.98	1.02	0.35
5.2	1.44		7	8.80	-1.80	0.37
5.1	0.81		18	17.85	0.15	0.001
5.0	0.19		29	24.38	4.62	0.88
4.9	0.44		22	22.50	-0.50	0.011
4.8	1.06		11	14.14	-3.14	0.69
4.7	1.69		6	5.95	0.05	0.001
4.6	2.31		1	1.71	-0.71	0.30
4.5	2.94		2	0.32	1.68	0.88
						$\chi^2 = 4.753$

Only one factor was considered in the example just given—the difference between two estimators. Extension of the same ideas makes it possible to test the effect of two, three or more factors upon any estimating problem. For instance, certain work may be done at various times by different operators and on different machines. When an inquiry is received, it is found that only certain operators and machines are available. The analysis of variance offers a way of determining whether the usual costs are likely to prevail or whether they can be expected to be higher or lower with the facilities available. The cost estimate and quotation can be adjusted accordingly.

How To Get the Most Out of Cost Estimates:

Ways of analyzing and evaluating the individual items that go into a cost estimate have been illustrated. The estimator also needs to know how to put the items together to get not only an average figure as an estimate of the total cost but also an indication of the probability that the true cost will be different by any given amount. As has been explained, the standard deviation is the conventional indicator of how widely numbers of estimates are likely to be distributed around an actual cost. It is thus a means of ascertaining the probability of error in any estimate in relation to the cost. The square of the deviation is called the variance.

An estimate of the cost of a project is usually made by adding together the costs of a number of items. The variance of the total is equal to the sum of the variances of the components, if the several items are independent of each other. One way that this can be used is illustrated by TABLE 3.

TABLE 3 shows a list of tools required for a job. By the methods already described, an average cost and standard deviation has been ascertained for each type of tool. The sum of the average costs designated as $\Sigma\bar{X}$ is the total average cost of the tools for the job. The square root of the sum of the variances, designated as σ_T , is the standard deviation for the total cost of the project.

No matter what the distribution of costs, a theorem of statistics says that the probability is 90 percent that the true cost will lie within a value of $\pm 3\sigma$ from the estimated mean. For this case, it can be said definitely that the probability is at least 90 percent that the total cost of the tools will be between \$4536 and \$4706. But it is possible to make an even closer estimate.

If the figures for the distribution of costs for each type of tool are carefully compiled and analyzed and all but chance causes of error are eliminated, the individual distributions should ap-

Table 3—Probability of Error in an Estimate

Tool	Average Cost \bar{X}	Standard Deviation σ	Variance σ^2
Jig No. 1	\$263	\$6.06	36.72
Fixture No. 1	475	9.63	92.74
Fixture No. 2	208	7.70	59.29
Tool layout No. 1	163	3.85	14.82
Milling cutters	244	8.57	73.44
Fixture No. 3	357	4.23	17.89
Broach No. 1	709	9.13	83.36
Jig No. 2	863	15.30	234.09
Facing tool	55	1.93	3.72
Gage No. 1	656	11.70	136.89
Gage No. 2	331	4.83	23.33
Gage No. 3	297	4.48	20.07
Total	$\Sigma \bar{X} = 4621$		796.36
	$\sigma_T = \sqrt{796.36} = \28.22		

proximate a normal distribution. Independent items picked at random from these distributions then enter into a distribution even closer to normal. In the case of a normal or near normal distribution, the probability is 99 percent that the actual cost will be between \$4548 and \$4694; 75 percent between \$4589 and \$4653; and 50 percent between \$4602 and \$4640. The ranges of cost for any other degree of probability can be determined from tables of the normal probability curve.

An illustration of how an estimate for a major project may be compiled to show just how precise it is is given by TABLE 4. A mean value and standard deviation has been estimated for each item of

the summary. Some of these figures may be based upon general information available such as sales forecasts; others may be compiled by adding together the costs and variances of their components as just described. For some items, the standard deviation is calculated from limits estimated to include practically all expected variations. This coincides with common practice of establishing extremes at the $\pm 3\sigma$ limits, which cover 99.73 percent of all deviations in a normal distribution. Thus, the limits of annual production are estimated to be 30,000 to 40,000 units, and the difference of 10,000 units is divided by six standard deviations to arrive at an estimate of the standard deviation of 1667 units.

When two independent items are multiplied together, the formula for the standard deviation of the product is

$$\sigma_p = \sqrt{m^2\sigma^2 + m^2\sigma^2}$$

In this expression m stands for the mean and σ the standard deviation. This is the basis for calculating the standard deviations for Total Annual Income, Annual Direct Costs, and Annual Selling Cost in TABLE 4.

In the illustration given, that part of annual income that varies with sales, changes in the same way as that part of the production cost that varies with sales. Those two factors are said to be correlated; and in this instance there is full correlation. Account is taken of that in calculating the standard deviation for the profit.

Table 4—Summary of Cost Analysis to Produce New Product

Item	Mean Value	Standard Deviation
Annual production	35,000 units	$(40,000-30,000)/6 = 1667$
Selling price	\$75	$(78-72)/6 = 1$
Total Annual income	\$2,625,000	$\sqrt{(75)^2(1667)^2 + (35,000)^2(1)^2} = 1.295(10)^6 = 129,500$
Direct cost per unit	\$28	$(31-25)/6 = 1$
Annual direct costs	\$980,000	$\sqrt{(28)^2(1667)^2 + (35,000)^2(1)^2} = 58,400$
Annual overhead	\$880,000	$(900,000-860,000)/6 = 6667$
Selling cost per unit	\$4.60	$-(5-4.20)/6 = 0.133$
Annual selling cost	\$161,000	$\sqrt{(4.6)^2(1667)^2 + (35,000)^2(0.133)^2} = 1470$
Total annual cost	\$2,021,000	$\sqrt{(5.84)^2(10)^6 + (6.667)^2(10)^6 + (1.47)^2(10)^6} = 58,800$
Profit	\$604,000	$\sqrt{[(12.95)^2 + (5.88)^2](10)^6 - 2(75)(1667)^2[(28)^2 + (4.6)^2]^{1/2}} = 91,700^*$
Fixed investment	\$4,729,000	40,900 from estimates
Working capital	\$400,000	5000
Return on total investment	11.8%	$\sqrt{\frac{[(9.17)^2 + (4.09)^2 - (0.5)^2](10)^6}{(5.129)^2(10)^{12}}} = 1.96\%$

*Adjustment for the correlation between annual sales and production. When sales are up, production must be high, and vice versa.

Presentation of the data in a form like that of TABLE 4 offers a number of advantages. The mean value shows an estimated profit of \$604,000 and a return of 11.8 percent, but this will be realized only if all items are estimated exactly, which is not likely. It may be higher, or it may be less. Suppose it is the policy of the company not to undertake a project unless the return promises to be at least 10 percent. A table of normal probability factors enables us to compute that the probability is about 18 percent that the return of the investment will be 10 percent or less. Chances are 999 out of 1000 that the return will be as much as 6 percent greater.

From the standpoint of earnings, the probability is about 52 percent that profit will be \$600,000 or more per year, and about 87 percent that it will be over \$500,000 per year. Management may ask what minimum amount of profit and rate of return can be expected with 90 percent confidence. The answer can be given that there is one chance in ten that the profit would be lower than \$485,000 and that the return would be less than 9.2 percent.

If management should want a more accurate estimate, the standard deviations show those items that should be restudied and give most room for improvement. The quantity of sales is the main source of inaccuracy. Among the production costs, the largest chance of error is in the direct costs. Revision of these two estimates alone can appreciably improve over-all accuracy.

Benefits that statistical techniques offer for comparing alternatives are indicated by comparing

Table 5—Summary of Cost Analysis Using Process B

Item	Mean Value	Standard Deviation
Total annual cost, \$	1,734,000	46,400
Profit, \$	891,000	101,600
Total investment, \$	7,200,000	48,400
Return on total investment, %	12.4	1.56

TABLE 5 with TABLE 4. TABLE 5 depicts the estimated results when the same product is made by another process, called B, that has a lower operating cost but requires a larger investment. The mean values of the totals and standard deviations were obtained in the same way for each table.

If the estimates for both processes A and B are composed of many items that may vary in cost mainly from chance causes, the distributions may approach the normal, and in actual operation Process A may be expected to give a larger return than Process B about 40 percent of the time.

On the basis of statistical evidence, Processes A

and B may be compared in another way. It may be hypothesized that there is really no difference in the rate of return that will be realized from either process. This hypothesis may be tested by means of the *t* test. It indicates a probability of about 20 percent that the difference in return between TABLE 4 (11.8 percent) and TABLE 5 (12.4 percent) could have come from chance alone. This is generally too high a probability to reject the hypothesis and provides good grounds to assume there is no significant difference between the returns from the two different processes.

Cost estimating gives one result, a guess as to the outcome of an endeavor. In recent years efforts have been made to increase the breadth of cost estimating, to make it able to give some indication of the reliability of the guess. To this end, cost estimators can benefit greatly by mastering and using much the same statistical techniques that have proved valuable in quality control.

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throwaway insert tooling

By Robert W. Reinhardt
Assistant Editor

In every successful application, throwaway insert tooling has increased speeds and feeds as well as producing more parts per cutting edge. Some of the ways in which machining costs are reduced with throwaway inserts are outlined.

—Photo courtesy Metallurgical Products Dept.,
General Electric Corp.

Fig. 1. Boring a heat-treated die ring of air hardening steel with a aluminum-oxide triangular throwaway insert. The negative rake angle tool is operated at 131 fpm with a feed of 0.0035 ipr.

THROWAWAY INSERT TOOLING has been responsible for some radical changes in cutting tool use. Only a few years ago, using a tool until the cutting edge was dull and then discarding it was considered economically unsound.

These throwaway tools evolved from the use of solid carbide slugs in the form of cylindrical, triangular or rectangular prisms. The reason for using solid pieces was to reduce the grinding time necessary when using brazed tools. In addition, since the tools were indexable more cutting edges were available at the machine. Grinding was changed from special cutter grinding to a standard surface grinding operation. The grinder operator needed no special fixtures or grinding setup for the slugs.

It was found that when the reground tools were used to about the thickness of the present throwaways, they still performed satisfactorily. After being used they were discarded. Several tool manufacturers concluded that if thin tools performed well, they could be substituted for heavy slugs. Regrinding would be eliminated. This decision was the start of a revolution in tooling. Today, throwaway tools have become commonplace.

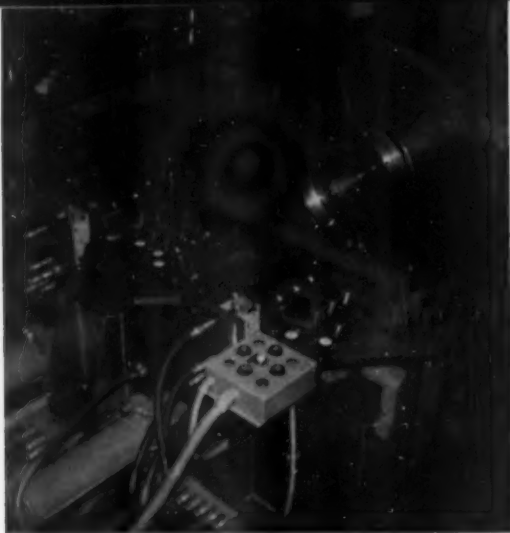
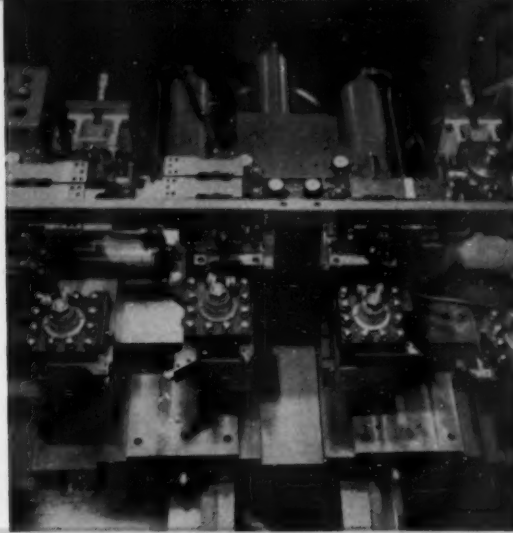


Fig. 2. Tracer-controlled machining operation on a jet engine spacer ring. (left) View of machine from tailstock, showing template



—Photo courtesy Alray Mfg. Co.

holders and feed cylinders. (right) View of tooling from the headstock with the square turrets for the insert tools in the foreground.

Nature of the Tools: Thin wafers of carbide or oxide are mechanically held in toolholders to make up an insert tool assembly. These inserts are manufactured in many different grades of tooling materials, such as tungsten carbide, titanium carbide, aluminum oxide and others. The tools are made in triangular, round, square, and parallelogram forms and many special shapes to suit particular applications.

One of the outstanding advantages of this tooling is the availability of multiple edges on each insert. For example, on a negative rake-angle square insert, there are eight cutting points available. Four top cutting edges are used, the insert is turned over and the other four edges are used. On the positive rake-angle insert, however, due to the tool geometry only the top cutting edges are useful. Round button inserts have an infinite number of cutting edges. This feature is especially useful on certain turning operations, but is generally overlooked by most users of this tooling.

Turning: The most extensive current use of throwaway inserts has been in the field of turning,

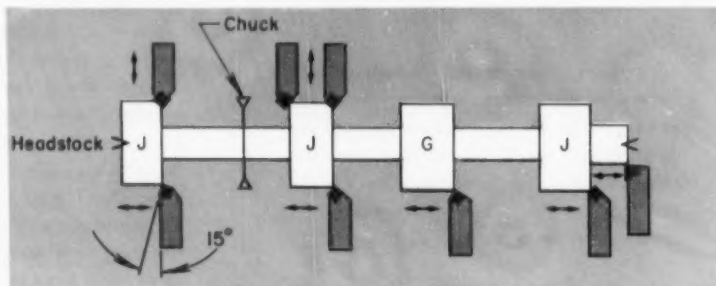
Fig. 1. Many different toolholders have been developed for almost every machine type. With the increased use of tracer-controlled machine tools, this specialized field is being investigated extensively by the tool manufacturers. All the major producers of throwaway insert tools are making holders and inserts for tracer machining.

An interesting application of tracer machining is the machining of a jet engine spacing ring. Tooling for this job was made by the Alray Manufacturing Co., who developed a special machine from a standard sliding-gap lathe, Fig. 2. A special platen table was mounted on the lathe to hold two tracer-controlled cross slides. The cross slides control several tools contained in manually indexed turrets. The ten cutting tools controlled by the ten templates, Fig. 2, on the unit are throwaway insert tools.

An interesting feature of these tools, developed by Carbide Tool Co., is the use of cartridges for the holder, chip breaker and clamp. These small units are brazed on the particular shank suited to the job. Tolerances on each tool used on this multiple turning job cannot exceed 0.001 inch.

Another cartridge unit developed for similar

Fig. 3. Tractor camshaft turned and chamfered using insert tooling on the entire operation. Tool positions and feed directions are indicated by arrows.



operations has a square shank to locate on the sides of a broached hole. This tool, designed by Valenite Metals, has a micrometer adjusting screw for positioning the tool nose relative to the workpiece and template. Thus, setup time is reduced.

Contour turning on shafts is another problem being solved by tracer controlled machining. A difficult job to machine was a short drive shaft made of SAE 1041 steel with a hardness of 321 Bhn. The operation is performed on a New Britain Fisher copying lathe using a Carboloy throwaway insert and standard holder. This tool is equipped with a clamp and chip breaker having sprayed carbide surfaces. The chip breaker performs satisfactorily with little if any wear. The speed of the operation is 320 fpm and feed is 0.020 ipr. Cutting is completed in three passes, with depth of cut varying from $\frac{1}{8}$ to $\frac{3}{8}$ inch.

Various brazed, split and band type holders were used for turning and chamfering three journal diameters and a gear diameter on a tractor camshaft. The chilled cast iron of these camshafts has a hardness of 268-321 Bhn and difficulty was encountered in turning out sufficient pieces per grind. Tool maintenance time was too high.

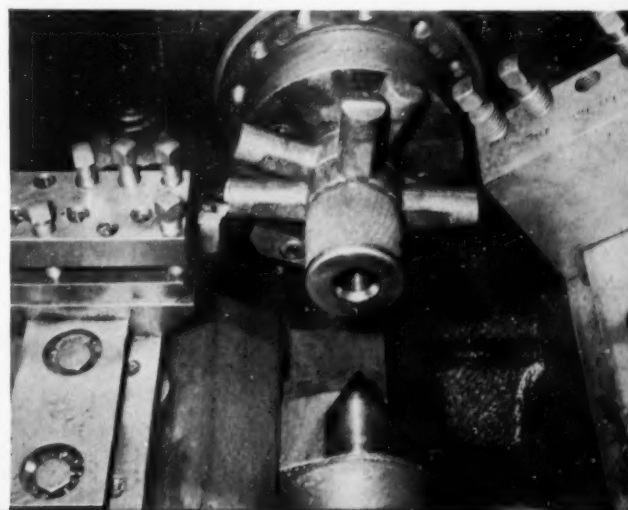
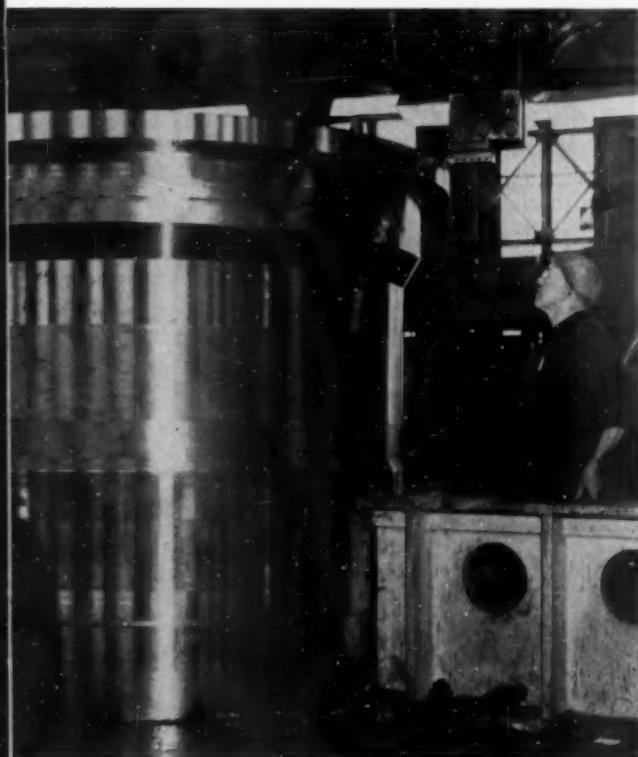
Throwaway inserts of Wesson metal HV solved the production problems in this application. Four holders and two types of carbide inserts, Fig. 3, are required for the job. All the holders are stand-

ard and many of the components are interchangeable so inventories are reduced.

Cuts are taken at 255 fpm with a feed of 0.007 ipr. When they can no longer be used for turning, inserts from the front slide can be used on the rear slide for chamfering. In this application, from 180 to 250 pieces are produced per index.

An outstanding performance record for the use of triangular insert tooling can be found in the turning of shoulders on a long drive shaft. The part was made of 1422 steel and was turned on a Warner & Swasey 3A machine. Using triangular inserts, the machine was operated at maximum speed with a feed of 0.020 inch and depth of cut ranging from $\frac{5}{8}$ to $\frac{1}{8}$ inch. Machining time was twenty minutes for both ends, with a production of three pieces per cutting edge. The same operation was performed with a brazed tool, $1\frac{1}{4} \times 1\frac{1}{4} \times 8$ inch, at one-third the maximum speed of the machine and feed rate of 0.0067 ipr. Machining time under these conditions exceeded one hour. The workpiece was about 49 inches long. The center section of this symmetrical part was $26\frac{1}{2}$ inches long and $4\frac{3}{4}$ inches in diameter.

Machining a large stainless steel casting presented a tooling problem because the rough scaly surface broke down the cutting edge of high-speed steel and brazed-tip tools being used on the job. By changing to a throwaway insert tool manufac-



—Photos courtesy Kennametal, Inc.

Fig. 5. Four-spoke differential spider being machined by a square insert tool at 620 fpm.

Fig. 4. (left) Turning a large stainless steel casting. Rough scaly surface reduced tool life of conventional tooling to about one hour. With inserts, tool life increased three times.



—Photo courtesy Kennametal, Inc.

Fig. 6. Turning a spherical diameter on a trunnion socket. Toolholder was altered to facilitate rotation of the tool block through the required arc.

tured by Kennametal, tool life was increased three times and all tool regrinding operations were eliminated. This turning and boring operation, *Fig. 4*, was performed on type 304 stainless steel at a feed of 0.015 ipr and 150 fpm when passing through the scale. After breaking through the outer skin, the rate was increased to 170 fpm with a depth of cut of $\frac{1}{4}$ inch for these operations.

With the former tools, machining was performed at 0.030 ipr and a maximum of 80 fpm. Tool life was about 30 minutes of cutting per regrind. After removing the outer scale, the tool had a life of one hour before regrinding was required. Using a new tool on the job with a positive-rake square insert, tool life on cutting through the scale was increased to one hour. After breaking through the surface, an insert performed for three hours per cutting edge. A new cutting edge was indexed into place

in a matter of seconds without disturbing the tool setting—an added advantage.

Another job involved interrupted cuts on SAE 8620 steel forgings. The workpiece was a four-spoke differential spider that was turned to a diameter of about seven inches, *Fig. 5*. The job was originally performed with a vertically clamped triangular slug insert tool operating at 0.008 ipr, 620 fpm and a $\frac{1}{8}$ -inch depth of cut.

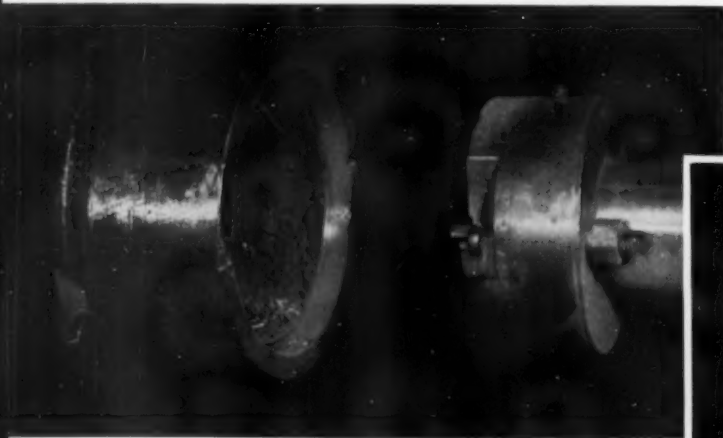
The company converted to a throwaway insert and found the tooling costs were reduced 47 percent. With the older prismatic type insert tool, 80 pieces were turned with each of six cutting edges, or 480 pieces per insert grind. Total insert life was 5280 pieces, with the original grind plus the ten regrinds on each end of the solid insert.

Using a throwaway square insert, 85 pieces are obtained with each indexable cutting edge. As eight edges are available, 680 pieces are turned per insert. Then the insert is replaced, eliminating all regrinding costs. A cost comparison indicates that regrinding the original insert, plus the original cost gives a piece cost for this operation of about 0.23 cent each, while the throwaway insert piece price was about 0.12 cent, or slightly over half the previous cost. Feed rate, speeds and depth of cut remained the same.

Machining heat-treated steel (40 Rc) forgings for rock bit shanks has been facilitated by use of heavy duty parallelogram-shaped inserts. Normally, these inserts have four indexable cutting points for use in the same holder. However, by switching inserts from one toolholder to another, a total of six cutting edges is obtained for each insert.

The operation involves two chamfers, facing the end and turning the thread diameter on a workpiece made of three steel forgings welded together. The three tools required for the operations are mounted in the square turret on a Warner & Swasey turret lathe operating at 163 rpm. Feed rate for turning is 0.023 ipr, and the rate for facing and turning is

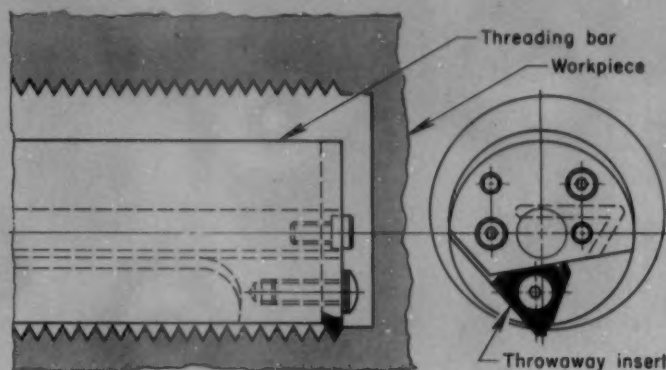
Fig. 7. Boring a pair of bronze bearings on a turret lathe. Standard toolholders are mounted in a special adapter head.



—Photo courtesy Kennametal, Inc.



Fig. 8. Threading bar for chasing internal threads. A standard triangular throwaway insert has been modified for the operation.



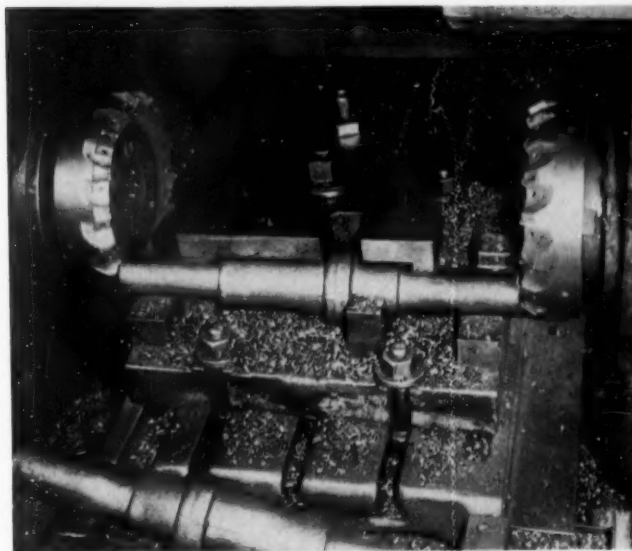
—Drawing courtesy Jones & Lamson Machine Co.

0.10 ipr. A standard heavy duty Kennametal insert tool is used for taper turning to a square shoulder. Two indexable cutting edges on the insert are used in this operation. The insert is then turned over to provide two more cutting edges for facing the end. Since the maximum depth of cut on turning is $\frac{3}{16}$ inch, there is sufficient cutting edge remaining on the insert to provide two additional cutting edges for the chamfering operation.

Another example of machining heat-treated steel forgings is found in the turning of a trunnion socket for a front wheel axle. A standard insert toolholder was modified by shortening the tool shank, *Fig. 6*, so that it could be rotated on an arc to produce the spherical diameter. By modifying the holder, tool cost was reduced 60 percent and about $1\frac{1}{2}$ hours of tool-changing down time per insert was eliminated. The $10\frac{1}{2}$ -inch diameter end of the forged steel socket presents an interrupted cut that resulted in frequent tip breakage of the brazed tool. The tool averaged seven pieces per tool grind. With seven regrinds possible, tool life of the previous tool was 56 pieces. With the insert tooling, ten pieces are machined per indexable cutting edge. Since the positive rake square insert has four cutting edges, 40 pieces are machined, then the insert is replaced, eliminating all regrinding costs.

Prorating the cost of the holder over ten inserts, plus the cost of each insert, brings the cost per piece to about seven cents. Savings in tool costs alone are about 10 cents per piece machined. The operation is performed on a Gisholt turret lathe at a feed of 0.020 ipr, a speed of 194 rpm and a $\frac{3}{16}$ -inch depth of cut.

Boring Tools: The trend toward the use of cartridge type holders for inserts has extended to boring bars. Many manufacturers are now making

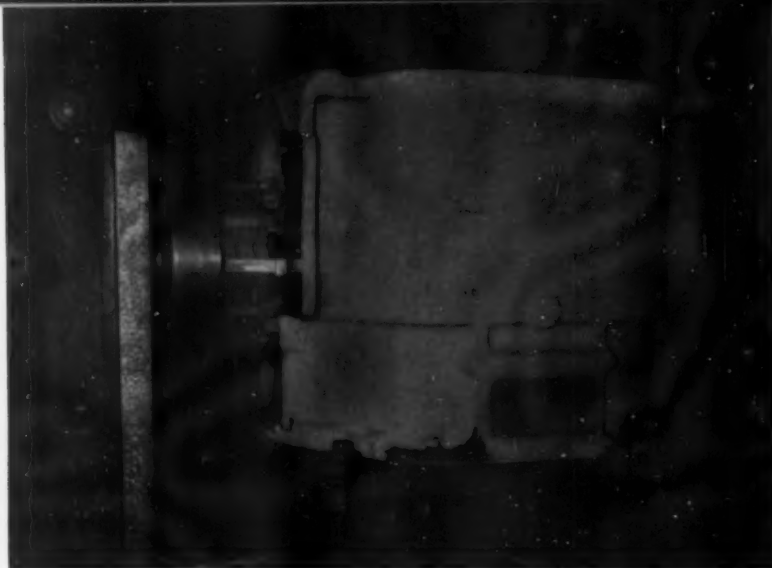


—Photo courtesy Wesson Co.

Fig. 9. Straddle milling operation on steel shafts to obtain proper length and location surfaces for subsequent operations. Throwaway insert tooling reduced tool costs on the operation 90 percent.

micrometer-adjustable blocks for these operations. In this way, the down time for changing tools is reduced by using the inserts and fine adjustment of the micrometer screws permits better tolerance control on critical operations.

An interesting adaptation of standard toolholders to a boring operation is found on the machining of bronze motor support bearings on a 15 hp Libbey turret lathe, *Fig. 7*. The workpiece requires boring an 8.150-inch diameter by 12-inch long hole in two motor supports per setup. Flanged ends of the supports are held in a turret lathe while the front ends



—Photo courtesy Kennametal, Inc.

Fig. 10. Roughing and finishing cuts were completed in one pass on this cast steel workpiece. Standard throwaway insert toolholders were mounted in the cutter head to permit the finishing tools to follow the roughing tools by $\frac{1}{4}$ inch for the combined operation.

of the two pieces are held together by a quick-acting clamping ring. Machining is performed at 0.030 ipr feed, 277 fpm speed and 0.250 to 0.400 inch depth of cut, using two tools as step cutters, *Fig. 7*. Brazed tip tools were used in this operation and were breaking down due to the rough, scaly surface of the workpiece. Based on boring 18 pairs of castings, the tool cost per pair of parts was 78 cents. By comparison, tool costs for the insert tools with the holder prorated over the life of ten inserts results in a cost per pair of support bearings bored of only 0.4 cent. Other savings resulted from reduced tool changing time, since it was not necessary to remove the entire tool body from the machine or to disturb the holder setting.

Internal and External Threading: Throwaway inserts for internal and external threading on a turret lathe have been developed by Jones & Lamson. The standard triangular insert is modified as shown in *Fig. 8*. In use, internal threads are machined by an insert held in a holder which looks like a special boring tool.

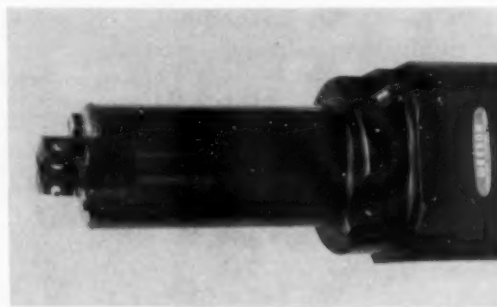
External threading is done by a tool held in a square turret. Again, the advantage of being able to maintain tolerances without changing the bar setting during tool change reduces setup time during tool changing. It permits the chasing of threads at high speeds on an automatic cycle. From 2 to 32 threads per inch can be cut and maximum threading length is from 7 to 11 inches. Maximum number of starts is one. A typical example of straight threading is cutting an Acme standard thread, two threads per inch, in SAE 1020 steel. Thirty-six passes were required for a thread depth of 0.260 inch. Threading time for this operation was 2 minutes, 45 seconds to complete it.

Milling Operations: Sometimes the conversion from one type of tooling to another shows large

reductions in costs because the initial tooling was inefficient. When comparing tool costs per piece, the types of tooling being compared should be known. This need not detract from the new tooling results but it will put them in proper perspective.

For example, one company cleans the ends of steel shafts and brings them to length by passing the shafts between face-milling cutters, *Fig. 9*. Recently, the company recognized the high cost of grinding and some of the other operations connected with high-speed steel cutters. Changing to throwaway insert milling cutters and carbide inserts, tool costs per piece dropped by a factor of ten. With the throwaways, no regrinding is needed and machine down time for tool changes has been greatly reduced.

A Monel casting presented a number of machining difficulties. By substituting a Vascoloy-Ramet throwaway-insert face mill for a brazed-tip shell end mill, machining time was substantially reduced. Speed was formerly 95 rpm and feed was two ipr, with a $\frac{3}{16}$ -inch depth of cut. Using the same depth



—Photo courtesy Wesson Co.

Fig. 11. Multioperation tool with insert holders and micrometer adjustments for location of cutter point relative to the tool center line. Tool changes are made at the machine by indexing or replacing the throwaway inserts.

of cut, cutting speed on the Cincinnati No. 5 milling machine when using inserts was increased to 183 rpm and the feed to $3\frac{3}{8}$ ipm, reducing the over-all machining time of two hours to one hour.

Another face milling job was improved by changing to insert tooling by modifying a 10-inch mill to hold throwaway insert holders, as shown in Fig. 10. Modification consisted of deepening alternate slots for toolholders by $\frac{1}{4}$ inch. Six finishing tools are clamped in these slots so they project 0.030 inch beyond the six finishing tools in the other six slots. These modifications were made because of insert breakage, which slowed production. The milling operation is now done at 390 fpm and depth of cut is $\frac{3}{16}$ to $\frac{5}{16}$ inches. Roughing cuts are from $\frac{3}{16}$ to $\frac{5}{16}$ inch deep; finishing cuts are from 0.025 to 0.035 inch deep. Feed was increased from $5\frac{5}{8}$ to $7\frac{1}{4}$ ipr on the 20 hp machine.

The six finishing toolholders are equipped with round button inserts and the six roughing toolholders use square inserts. Tool cost per piece was reduced from \$2.87 to \$0.79. Thirty-two castings are milled per set of twelve inserts with this new tooling setup for about a 90 percent increase in production.

Multiple Operation Tools: Any time more than one operation is accomplished with one tool, production time is saved. Time is important in this period of increased competition and high labor costs. However, when individual cutting points have to be ground and set with relation to each other as well as to the centerline of the tool body or workpiece, reconditioning of the tool requires skilled workmen and considerable time.

In the tool, shown in Fig. 11, both insert holders and micrometer adjustable units are used on the same tool. Holders are keyed and locked into the tool body so they can be adjusted longitudinally and the boring units are set so they can be adjusted radially within small tolerances.

To recondition these tools, it is only necessary to index or replace the throwaway inserts. If any minor adjustments are required, they can usually be accomplished on or at the machine. Inventories of tool bodies have been substantially reduced and on these operations, tool grinding, sharpening and resetting have been eliminated with subsequent savings.

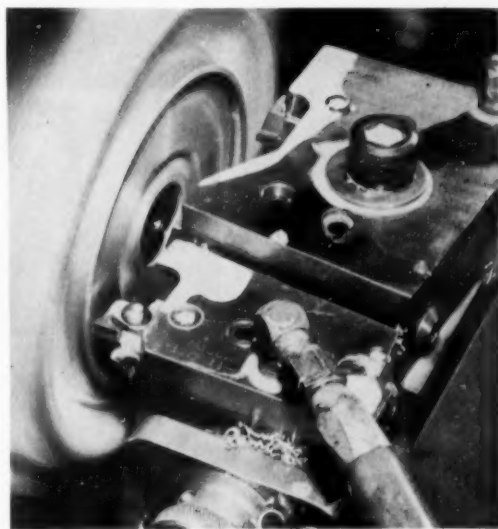
Multipoint tools are found on many types of turning, milling and boring operations. A good example of the application of this type of tooling to a turning operation is on a Fay automatic lathe where the throwaway insert boring cartridges are held in tool block for machining large diameters. In addition, the center bore is finished by a boring unit as shown in Fig. 12. Another interesting multipoint turning operation replaced the conventional brazed grooving tools with throwaway inserts that

are set on edge in holders rather than being held in the conventional way, Fig. 13. The tools are standard stock inserts with a sharp corner. There is no dishing or clearance at the sides.

Many good applications of multipoint tooling are found on high production vertical turning operations, on vertical turning machines. Typical operations are facing at the bottom of a bore, forming an inside chamfer or combining tools for operations such as boring, counterboring and facing. In other tools, the combination of hollow milling, boring and chamfering are found on the same tool. A typical application of the special tools needed for similar operations is shown in Fig. 14.

Throwaway tooling is frequently applied on multistation transfer machines. The high cost of tool maintenance and down time are contributing factors to this change in tooling concepts. In one example, 15 throwaway inserts are used on one tool, Fig. 15a. The operations are rough boring and facing the bottom of the bore. In subsequent operation, the bore is semifinished and a center hole is machined in the combination operation, illustrated by the tools in Fig. 15b. Since such tools are easily made, tool designers and process engineers are able to specify multiple-operation tooling wherever it is the best answer to a production problem.

Reducing Maintenance Costs: One of the many important aspects of throwaway tooling which has been overlooked by industry is reduction in maintenance costs. Since the tools need not be



—Photo courtesy Valenite Metals Div.

Fig. 12. Multipoint special tooling on a Fay automatic lathe. Standard throwaway insert toolholders are mounted in a special tool block for turning the large diameters and finishing the center bore.

ground, this expense is eliminated. In fact, the entire tool rehabilitation department can be reduced to a minimum in any shop using throwaway inserts.

Down time at the machine becomes a minor portion of the machining cycle since indexing of inserts or changing of inserts is accomplished in a matter of seconds. Only during product change-over or a damage to the toolholder must it be removed and reset.

Tool Cost Control: In the shop using throwaway inserts on the machining operations, tool control personnel are better able to maintain exact records of performance. Insert usage is easy to control and analysis of tool failure is simplified. Since many grades of carbide or ceramic can be used as inserts in the same toolholder, the inventory can be extensive in variety of tool materials. If a particular tool is not performing properly, it is a simple matter to change from one grade of cutting tool material to another.



Fig. 13. Throwaway inserts replaced conventional grooving tools in this operation by setting inserts on edge in the holder rather than being used in the normal mounting. The inserts are standard stock throwaways with a sharp corner.

Fig. 14. (right) Installation of throwaway insert tooling on a multi-station vertical chucking machine for facing the bottom of a bore on transmission part.



These advantages are sure to influence cost conscious management to select insert tools over other conventional types where applicable. Management realizes that it is not the length of tool life in minutes that is important, but the productivity of pieces per cutting edge. This concept plays an important part in planning for mechanically clamped insert tooling on any job.

Throwaway insert tools are originally ground by experts who specialize in this field. Since the part being ground is made completely of one material, for example, tungsten carbide, more inserts can be ground with a diamond wheel resulting in savings to the ultimate consumer.

With the brazed tools, regrinding becomes a problem. The original grinding may produce a suitable tool and unless the operator doing the regrinding is an expert in his field, the tool life becomes unpredictable for the reground tool. Heat checks frequently develop during this operation to reduce the effective tool life. Perishable tool life, that is diamond grinding wheels, is reduced because when regrinding brazed tools both carbide and toolholder material are ground simultaneously. The wheel tends to load more quickly and must be redressed more often. Thus, the effective life of the wheel is also reduced.

Another factor which may enter into the cost picture when comparing brazed tools to throwaway inserts is the expected tool life. It has been stated that throwaway inserts will outlast brazed tools on any operation. One reason for this extended life is the elimination of residual stresses and strains caused by brazing.

—Photos courtesy Valenite Metals Div.



—Photo courtesy Valenite Metals Div.

Fig. 15. Transmission case machined on a multistation transfer machine. (a) Fifteen throwaway inserts are used in the tool for rough boring and facing the bottom of the bore. (b) Combination tool for the next operation to semifinish the bore and machine the center hole on the workpiece.

Future Application: The question has been asked, "How extensively will throwaway insert tooling be used by industry?" About a year ago, a survey of the metalworking field indicated that throwaway tooling would replace about 30 to 40 percent of conventional tooling. However, a more recent survey of experts in the field has raised this estimate to 60 or 70 percent and in some special cases even higher.

Analysis of the reasons for this shift in thinking shows that management has become more cost conscious, more information is available on the throwaway tools and their performance, as well as the realization by production personnel that an item can be thrown away after a given number of uses and still produce savings. In addition, management has realized that these tools are not limited to the mass production operations only. One tool plant is replacing all brazed turning tools with insert type throwaways when the old tools wear out. After the initial acquaintance period, operators have found the tools performing better than the previous brazed tools used on the same machines.

In practically every case where insert tooling has replaced conventional tools, output per machine has increased and the down time per machine has been reduced. The operation has proved to be more efficient because setting up in production and the changing of the cutting edge is faster. An added

advantage is the ease with which a tool grade can be changed. With conventional tools, the entire tool had to be changed while only the insert needs to be replaced when using throwaway inserts. If the cutting edge is too soft or too hard, it takes only a few minutes to change to new grade without need of changing the tool position.

Throwaway inserts are not the answer to all production machining problems. There are obvious places where the physical size of clamps limits the use of inserts—small boring jobs, for instance. Like all tools, throwaway inserts must be properly applied to perform at optimum efficiency.

Acknowledgements

The assistance of the following companies is gratefully noted:

Alray Mfg. Co.	Pontiac, Mich.
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Davis Boring Tool Div.,	
Giddings & Lewis Tool Co.	Fond du Lac, Wis.
Jones & Lamson Machine Co.	Springfield, Vt.
Kennametal, Inc.	Latrobe, Pa.
Metallurgical Products Dept.,	
General Electric Co.	Detroit, Mich.
Newcomer Products, Inc.	Latrobe, Pa.
Valenite Metals Div., Valeron Corp.	Royal Oak, Mich.
Vascoloy-Ramet Corp.	Waukegan, Ill.
Wesson Co.	Detroit, Mich.

Special thanks are due Cy Wedlake of the Visual Arts Div. of Valeron Corp. and all the individuals who took time from their regular duties to discuss throwaway insert tooling with the author, either in person or by correspondence.

designed for **PRODUCTION**

Feeder Increases Press Productivity

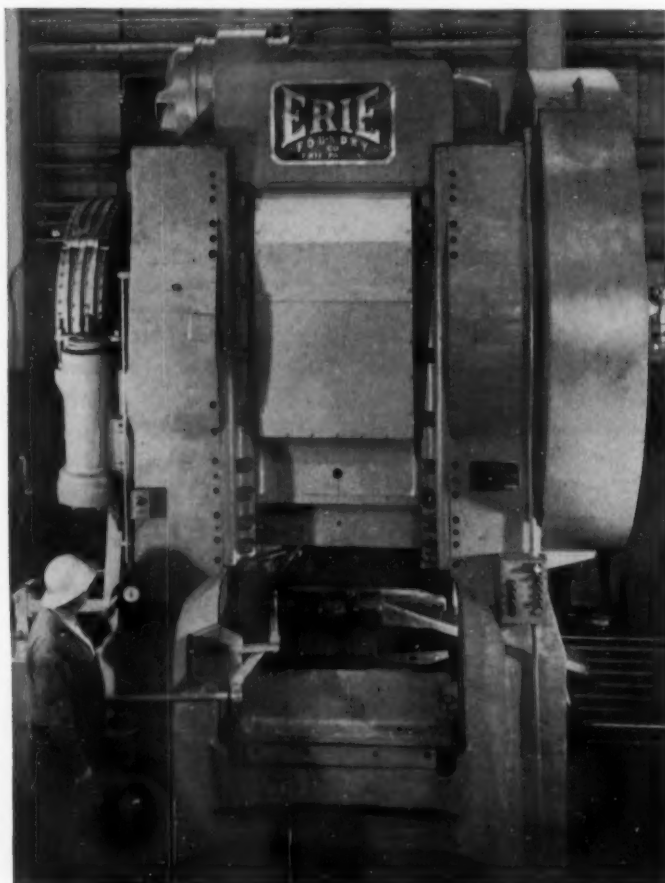
Hot forging on a mechanical press has been neglected for use as a continuous process. Special equipment for this type of operation, developed by the Erie Foundry Co., can handle parts as hot as 2250 F. Where production rates are about 350 pieces per hour by hand methods, rates of 1200 pieces per hour have been obtained with the mechanical transfer equipment on the same part.

Basically, the unit is a walking-beam type of

transfer unit controlled by the action of the crankshaft. At the start of a cycle, grip fingers pick up the hot bar and move it to the first die. Then, the fingers move out of position during the forging operation and return to the starting point. After this semifinish operation, the next set of grip fingers move the part to the finish station and then to either a trim station, if needed, or a chute for transfer to the next operation. The press runs continuously at 40 strokes per minute,

but a hot bar is fed only every other stroke to extend the life of the die and grip fingers.

The automatic feed is chain driven from the eccentric shaft of the press to insure accurate timing. Sprocket of drive operates a positive action cam box to obtain the desired linkage motion. A series of links and pivots translate the reciprocating cam action into the square motion needed to operate the feed mechanism.



MECHANICAL FORGING PRESS with automatic transfer device. Load indicator mounted on the frame shows tonnage exerted by press during the forging operation.



HOT STEEL BARS and partially finished workpiece being transferred into forging position. Transfer unit operates on alternate cycles to permit die and grip-fingers to cool for added life.



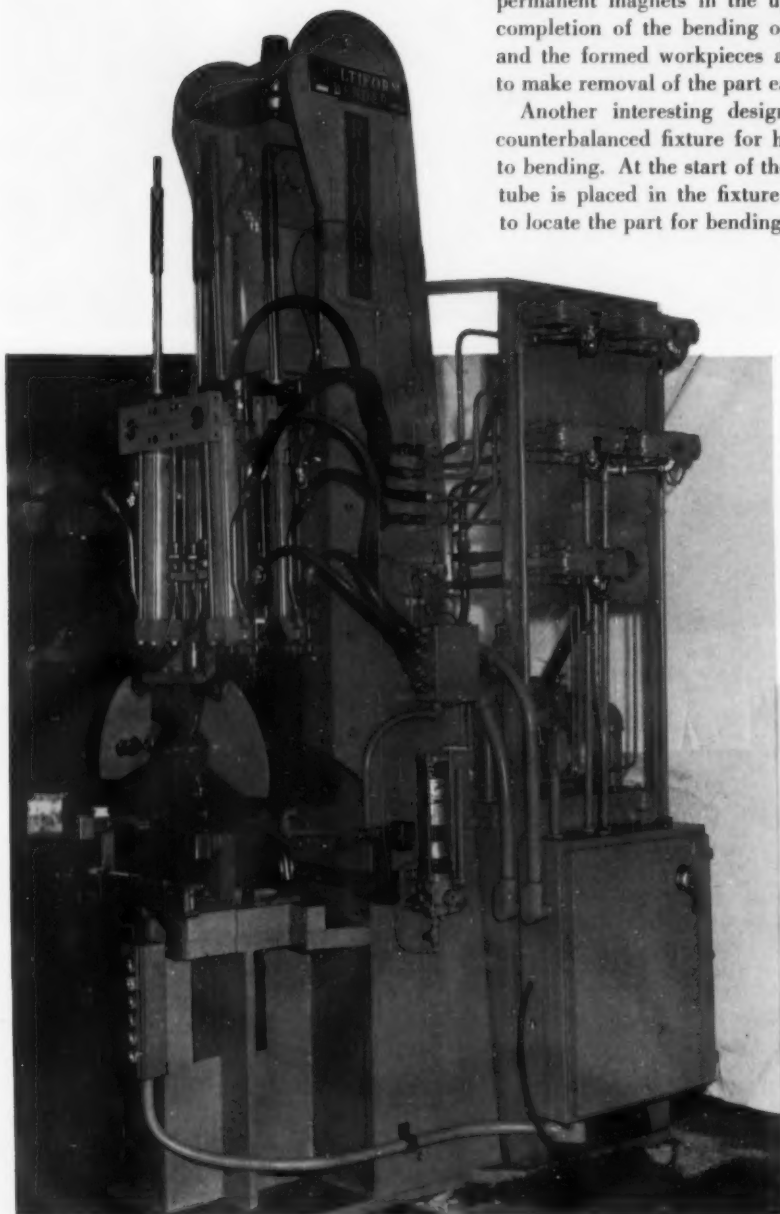
STAGES OF FORGING on a track link currently being produced in the 2500 ton mechanical forging press with the automatic transfer equipment. Parts as large as 12 inches in diameter can be handled by this transfer device by changing the grip-fingers and by adjusting the stroke of the unit.



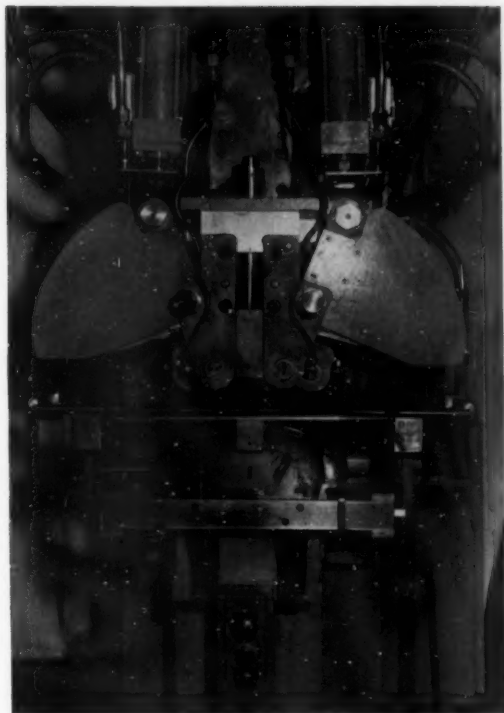
Magnets Facilitate Workpiece Removal

Production bending operations are often hindered by the workpiece sticking to the bender shoes. This problem is eliminated in a bending machine developed by J. A. Richards Co. of Kalamazoo, Mich. by locating permanent magnets in the upper bending shoe. At the completion of the bending operation, the machine head and the formed workpieces are retracted simultaneously to make removal of the part easier.

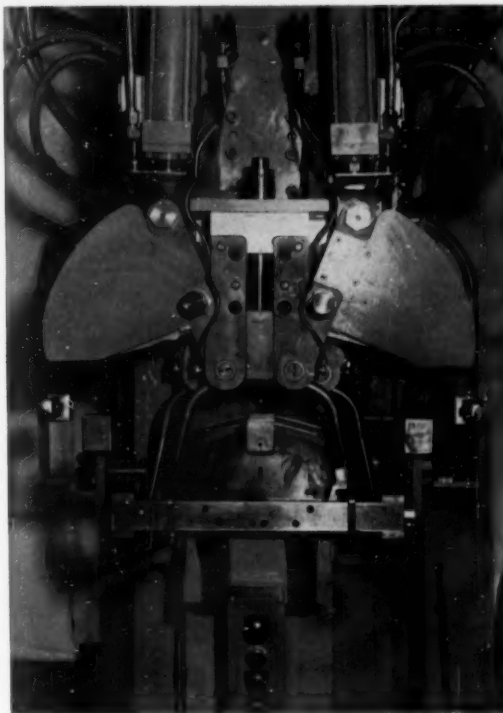
Another interesting design feature is the use of a counterbalanced fixture for holding the workpiece prior to bending. At the start of the bending cycle, the straight tube is placed in the fixture which incorporates a gage to locate the part for bending and to check its length.



HYDRAULIC BENDER with counterbalanced fixture-gage and permanent magnets in the upper shoe. Plates on front of machine prevent operator from contacting bending shoes during the forming operation.



WORKPIECES on the fixture-gage for checking free length and positioning parts for bending.

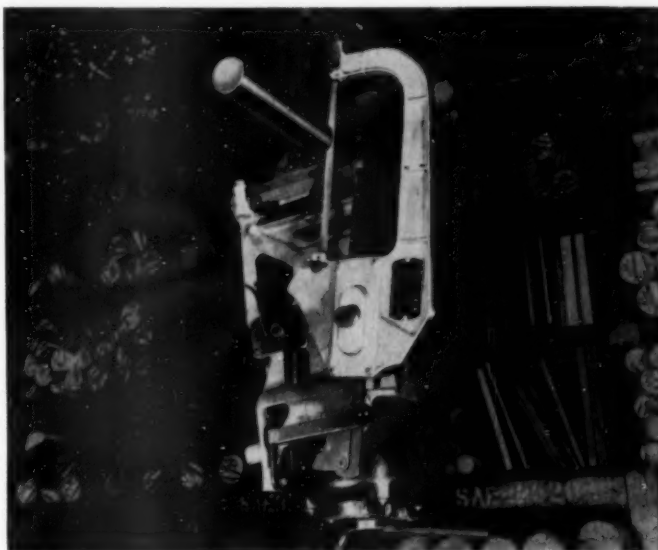


FORMED PARTS in contact with the upper shoe to facilitate removal after bending.

Portable Saw Minimizes Handling

Precision of cut as well as speed of operation are combined in a portable power hacksaw developed by Lipe-Rollway Corp. The unit, using a HSS blade, cuts materials ranging from 3 by 3 inch steel bar to thin-wall tubing within a tolerance of ± 0.005 inch. Operation can be in any position—even upside down or vertical as shown in the illustration.

By using a draw cut and lift return action, saw blade life is extended as much as ten times that of a gravity type unit. Sawing action is fully adjustable, ranging from the pressure required for cutting bar stock or angle irons to that needed for cutting thin-wall tubing or rolled forms.



Filing and Finding Product

By George M. Hargreaves
Directory Editor

Nearly all tool engineering departments maintain product information files which contain catalogs, brochures and similar material. This new coding system facilitates efficient filing and quick location of such essential data.

WHEN PLANNING NEW TOOLING PROGRAMS, specifications on machine tools, processing equipment and all of the hundreds of other items required are frequently consulted. These specifications are usually contained in catalogs, data sheets or brochures. Even in small engineering departments, the number of items in such files can run into the thousands.

Unless this information is quickly accessible when needed, the file is of little or no value. Accordingly, time spent in obtaining orderly arrangement of the catalog files pays off.

Typically, a company that is planning a new stamping line may have need for product information on presses, die sets, die materials, drawing compounds, press lubricants, press controls, automation equipment, chip conveyor systems and literally hundreds of similar items.

Similarly, planning a machining line calls for product information on various types of machines, cutting tools, controls, parts handling devices, jigs and fixtures, coolants and coolant equipment, inspection equipment, and chip disposal devices, to name a few.

While suppliers are of great assistance during the various stages of planning for production, early planning is often based on data contained in product information files.

Many different filing systems are now in use in

manufacturing plants and engineering offices. Perhaps the simplest of these is the filing of product information alphabetically, under the name of the manufacturer. Such a system can be fully effective only when all products of every manufacturer are known to the individual using the file.

When information is arranged alphabetically according to product, other difficulties are encountered. Differences in nomenclature often preclude successful application of this system. In a typical instance, "Drill Units" could be filed quite logically under any of the following headings: Drilling Machines; Machines, Drilling; Drilling Units; or Units, Drilling. Conceivably, an engineer might look under all headings before finding the information he needs.

Coded filing systems avoid some of the difficulties experienced with strictly alphabetical systems. The Dewey Decimal, Library of Congress and Uniform systems, while suited to the filing of publications, articles and process information, are too general to be used in an engineering department for coding catalog material. The U.S. Government Standard Commodity Classification System has been successfully applied to libraries where the range of material to be coded and filed can utilize its omnibus scope.

In the absence of a suitable existing coding system, ASTE has developed a completely new system, designed specifically for the needs of tool engineers. This numerical coding system has been applied to the products listed in the "Suppliers Directory" published in this issue. The system is similar to the Commodity Classification System in that both are numerically coded according to the function of the products listed. Although both systems are characterized by an initial two digits followed by a dash and several more digits, the actual numbers used for each product are different.

The coding system has been made as simple as possible without limiting future expansion or modification. A five-digit system is used, with products

Information

arranged in 10 major functional groups. The first digit identifies these major groups, which are: Materials; Machining; Forming, Punching & Shearing; Molding & Casting; Treating & Finishing; Joining & Assembling; Inspection & Testing; Portable Tools; Auxiliary Equipment; and Special Products. Each of these headings is subdivided into as many functional groupings as necessary, identified by a second digit in the system.

The accompanying figure shows the two-digit arrangement of this numerical coding system. In some cases, this abbreviated code might be adequate for indexing a small catalog library. However, a further breakdown is normally required.

Two digits are assigned to the third level of definition, starting with 01 and continuing as far as necessary. A fifth digit provides detailed identification of individual items.

The code number is always written as five digits, a final zero being added when only four digits are actually used. Some examples of how the system works follow:

Subland Drills:

10-000 MACHINING
13-000 Tools
13-030 Drills
13-038 Subland

Dial Feeds:

20-000 FORMING, PUNCHING & SHEARING
22-000 Accessories
22-170 Stock Feeds
22-172 Dial

Portable Electric Grinders:

70-000 PORTABLE TOOLS
73-000 Electric
73-060 Grinders
(no fifth-digit breakdown)

The numerical coding system which follows could be considered an index to the Products (Blue) Section of the "Suppliers Directory" in this issue. All of the product headings in the directory are identified by the appropriate code number. The terminology used in the headings is generally consistent with the index. It is hoped that this terminology will lead to the standardization of nomenclature throughout the metalworking and allied industries.

Two-Digit Breakdown of Numerical Coding System

00— MATERIALS

01— Ferrous
02— Nonferrous
03— Nonmetallic
04— Consumable

10— MACHINING

11— Machines
12— Accessories
13— Tools

20— FORMING, PUNCHING & SHEARING

21— Machines
22— Accessories
23— Tools

30— MOLDING & CASTING

31— Sand Casting
32— Precision Casting
33— Metal Molding
34— Plastic Molding
35— Metal Powder Forming

40— TREATING & FINISHING

41— Heat Treating
42— Electroplating
43— Chemical Coating
44— Cleaning
45— Surface Coating
46— Abrasive Finishing
47— Power Brushing
48— Burnishing
49— Deburring

50— JOINING & ASSEMBLING

51— Welding
52— Brazing
53— Soldering
54— Adhesive Bonding
55— Riveting
56— Staking
57— Threaded Fastening
58— Special Purpose

60— INSPECTION & TESTING

61— Physical & Mechanical Property
62— Flaw Detection
63— Dimensional Inspection
64— Special Purpose

70— PORTABLE TOOLS

71— Pneumatic
72— Hydraulic
73— Electric
74— Manual

80— AUXILIARY EQUIPMENT

81— Electrical
82— Fluid Power
83— Mechanical

90— SPECIAL PRODUCTS

91— Hardware
92— Engineering Instruments & Apparatus
93— Photographic
94— Plant Equipment

00- MATERIALS**01- FERROUS METALS**

- 01-010 Structural Steel
- 01-020 Shapes & Forms
 - 021 Plate, Ground
 - 022 Plate, Semifinished
 - 023 Rod, Ground
 - 024 Rod, Semifinished
 - 025 Sheet
 - 026 Shot
 - 027 Strip
 - 028 Tubing
 - 029 Wire
- 01-030 Tool Steels
 - 031 Cold-Work (O, A, D)
 - 032 Hot-Work (H)
 - 033 High-Speed (T, M)
 - 034 Water-Hardening (W)
 - 035 Shock-Resisting (S)
 - 036 Low-Alloy (L)
 - 037 Carbon-Tungsten (F)
 - 038 Mold (P)
- 01-040 Stainless Steels
- 01-050 Special-Purpose Alloys
- 01-060 Metal Powders

02- NONFERROUS METALS

- 02-010 Aluminum
 - 011 Tooling Plate
- 02-020 Copper, Brass, Bronze
- 02-030 Lead, Tin, Zinc
- 02-040 Magnesium
 - 041 Tooling Plate
- 02-050 Titanium
- 02-060 Silver
- 02-100 Precious Metals
- 02-110 Bearing Alloys
- 02-120 Low-Melting Alloys
- 02-200 Brazing Alloys
- 02-210 Cemented Carbides
 - 211 Machinable
- 02-220 Cast-Alloy Tool Materials
- 02-230 Metal Powders

03- NONMETALLIC MATERIALS

- 03-010 Chemicals
- 03-020 Gases, Compressed
- 03-030 Plastics
- 03-040 Refractories
- 03-050 Rubber
- 03-060 Ceramic Oxides
- 03-070 Friction Materials

04- CONSUMABLE MATERIALS

- 04-010 Abrasives
 - 011 Diamonds
- 04-020 Adhesives
- 04-030 Carburizing Compounds
- 04-040 Cleaners
- 04-050 Coolants
- 04-060 Cutting Fluids
 - 061 Additives
- 04-070 Electrodes, Welding
- 04-080 Finishing Compounds, Abrasive
- 04-090 Fluxes
- 04-100 Hydraulic Fluids
- 04-110 Lubricants
- 04-120 Paints
 - 121 Temperature-Indicating

- 04-130 Plastic Metals
- 04-140 Plating Solutions
- 04-150 Protective Coatings
 - 151 Preservative Solutions
 - 152 Plastic
- 04-160 Quenching Oils
- 04-170 Sealing Compounds
- 04-180 Solvents
- 04-200 Solder
- 04-210 Rods, Welding
- 04-220 Drawing Compounds
- 04-230 Mold Releases
- 04-240 Phosphate-Coating Compounds

10- MACHINING**11- MACHINES**

- 11-010 Boring
 - 011 Horizontal
 - 012 Vertical
 - 013 Precision
 - 014 Jig
 - 015 Special-Purpose
- 11-020 Broaching
 - 021 Horizontal, Internal
 - 022 Horizontal, Surface
 - 023 Vertical, Internal
 - 024 Vertical, Surface
 - 025 Rotary, Surface
- 11-030 Drilling
 - 031 Sensitive
 - 032 Horizontal
 - 033 Upright-Way Type
 - 034 Radial
 - 035 Multiple-Spindle
 - 036 Turret
 - 037 Deep-Hole
 - 038 Units
 - 039 Automatic
 - 040 Gun
 - 041 Layout
- 11-050 Electrical-Discharge
- 11-060 Gear-Cutting & Finishing
 - 061 Hobbing
 - 062 Shaping
 - 063 Form-Milling
 - 064 Bevel
 - 065 Planing
 - 066 Tooth-Finishing
 - 067 Grinding
 - 068 Splines-Hobbing
 - 069 Generating, Single-Point
- 11-070 Grinding
 - 071 External, Cylindrical
 - 072 Internal, Cylindrical
 - 073 Centerless
 - 074 Rotary, Surface
 - 075 Reciprocating, Surface
 - 076 Form
 - 077 Thread
 - 078 Tool & Cutter
 - 079 Bench
 - 080 Optical Contour
 - 081 Profile
 - 082 Swing Frame & Radial
 - 083 Universal
 - 084 Special
 - 085 Vertical Chucking
 - 086 Electrolytic
 - 087 Abrasive-Belt

- 11-090 Honing & Lapping
 - 091 Internal Honing
 - 092 External Honing
 - 093 Cylindrical Lapping
 - 094 Plane Lapping
 - 095 Plane Honing
 - 096 Combination
 - 097 Vibratory
 - 098 Superfinishing
- 11-100 Lathes
 - 101 Bench
 - 102 Floor, light-duty
 - 103 Engine, heavy-duty
 - 104 Turret
 - 105 Automatic Chucking
 - 106 Single-Spindle Automatic
 - 107 Multiple-Spindle Automatic
 - 108 Tracing
 - 109 Speed
 - 110 Vertical Turret
 - 111 Vertical Chucking
- 11-120 Milling
 - 121 Bench
 - 122 Knee
 - 123 Ram, Swivel-Head
 - 124 Bed
 - 125 Planer
 - 126 Profiling
 - 127 Die-Sinking
 - 128 Thread
 - 129 Special-Purpose
- 11-140 Chemical Machining
 - 141 Acid Etching
 - 142 Electrochemical
- 11-150 Planing
 - 151 Double-Housing
 - 152 Open-Side
 - 153 Plate
 - 154 Breast
 - 155 Pit
 - 156 Post
 - 157 Rotary
- 11-160 Polishing & Buffing
 - 161 Bench
 - 162 Floor
 - 163 Abrasive-Belt
 - 164 Swing-Frame
 - 165 Multiple-Head
 - 166 Lathe Type
- 11-170 Sawing & Filing
 - 171 Hack Saw
 - 172 Circular Saw
 - 173 Band Saw, Cutoff
 - 174 Abrasive Cutoff
 - 175 Friction Saw
 - 176 Contour Band Saw
 - 177 Contour Band File
 - 178 Combination Saw & File
 - 179 Reciprocating File
- 11-190 Tapping
 - 191 Vertical, Single-Spindle
 - 192 Vertical, Multiple-Spindle
 - 193 Horizontal
 - 194 Radial-Arm
 - 195 Units
 - 196 Special-Purpose
 - 197 Automatic
 - 198 Nut
- 11-200 Special
 - 201 Transfer

- 202 Multipurpose
- 203 Saw-Sharpener
- 204 Engraving
- 205 Routing
- 206 Keyseaters
- 207 Centering
- 208 Drill-Pointing
- 11-210 Shapers
- 11-220 Ultrasonic
- 11-230 Threading
 - 231 Single-Point
 - 232 Pipe
- 11-240 Cutoff
 - 241 Lathe Type
 - 242 Pipe
- 12- ACCESSORIES
- 12-010 Cams
 - 011 Blanks
- 12-020 Centers
 - 021 Dead, Carbide
 - 022 Dead, Steel
 - 023 Live
 - 024 Live, Spring-loaded
 - 025 Self-adjusting
 - 026 Driving
- 12-030 Chucks
 - 031 Boring
 - 032 Drilling
 - 033 Grinding
 - 034 Lathe, Manual
 - 035 Lathe, Power
 - 036 Tapping
 - 037 Magnetic
 - 038 Vacuum
 - 039 Collet
- 12-040 Collets
 - 041 General
 - 042 Master & Pads
 - 043 Spring
 - 044 Free Floating
 - 045 Ejector
 - 046 Adapters
 - 047 Closers
 - 048 Internal
- 12-050 Dogs
 - 051 Grinding
 - 052 Lathe
 - 053 Milling
- 12-060 Feeds
 - 061 Bar Feeds
 - 062 Feed Fingers
 - 063 Feed Fingers, Master & Pads
 - 064 Roll Feeds
 - 065 Feed Stops
 - 066 Drill-Press Feeds
- 12-070 Grinding Attachments
 - 071 Jig
 - 072 Tool-Post
 - 073 Centerless
 - 074 Tool-Sharpener
- 12-080 Heads
 - 081 Boring
 - 082 Facing
 - 083 Drilling
 - 084 Tapping
 - 085 Trepanning
 - 086 Dividing
 - 087 Milling
- 12-090 Indexers

- 091 Rotary-Table
- 092 Chuck
- 093 Linear
- 094 Dividing Heads
- 12-100 Lathe Attachments
 - 101 Spindle Nose
 - 102 Tracer
 - 103 Taper
 - 104 Work Holders & Guides
 - 105 Threading
 - 106 Turrets, Bed
 - 107 Turrets, Cross-Slide
 - 108 Turrets, Tool-Post
 - 109 Carriage-Positioning
- 12-110 Lubrication Equipment
 - 111 Filters, Lubricant
 - 112 Filters & Separators, Coolant
 - 113 Pumps, Lubricant
 - 114 Collectors, Mist
 - 115 Systems, Lubricating
 - 116 Oilers
 - 117 Separators
 - 118 Systems, Coolant
 - 119 Pumps, Coolant
- 12-120 Mandrels
 - 121 Solid
 - 122 Expanding, Manual
 - 123 Expanding, Power
- 12-130 Milling Machine Attachments
 - 131 Tracing
 - 132 Pantograph
 - 133 Slotting
 - 134 Arbors
 - 135 Spacers
 - 136 Outboard Bearing-Support
 - 137 Special-Purpose
- 12-140 Spindles
 - 141 Drilling
 - 142 Grinding
 - 143 High-Speed, Internal
 - 144 High-Speed, External
 - 145 High-Speed, Motorized
 - 146 Precision Boring
 - 147 Precision, Small-Size
 - 148 Milling
 - 149 Tailstock
- 12-150 Toolholders
 - 151 Bit Holders
 - 152 Boring Bars
 - 153 Drivers, Drill or Tap
 - 154 Sleeves
 - 155 Tap
 - 156 Quick-Change
 - 157 Floating
 - 158 Adapters
 - 159 Special-Purpose
 - 160 Countersinks & Pilots
- 12-170 Vises
 - 171 Machine-Table
 - 172 Milling
 - 173 Planer & Shaper
 - 174 Universal
 - 175 Compound-Angle
 - 176 Special-Purpose
 - 177 Collet Type
- 12-180 Miscellaneous
 - 181 Work-Rest Blades
 - 182 Recessing Tools
 - 183 Chuck Jaws
 - 184 Drill Speeders, Lathe

numerical product code

- 185 Router Guides
- 186 Drill-Chuck Arbors
- 187 Drill-Stop Chucks
- 188 Diamond Turners
- 189 Spline Arbors & Chucks
- 190 Slides & Feeds
- 13- TOOLS
- 13-010 Boring Cutters
 - 011 Steel Bits
 - 012 Carbide, Solid-Bit
 - 013 Carbide, Inserted-Bit
 - 014 Ceramic-Bit
 - 015 Diamond-Bit
 - 016 Block Type
 - 017 Gun Type
- 13-020 Broaches
 - 021 Internal, Pull
 - 022 Internal, Push
 - 023 Surface
- 13-030 Drills
 - 031 High-Speed Twist
 - 032 Carbide, Solid
 - 033 Carbide, Tipped
 - 034 Core & Spade
 - 035 Deep Hole & Gun
 - 036 Center
 - 037 Step
 - 038 Subland
 - 039 Screw Machine
- 13-040 Files
 - 041 General, Machine
 - 042 Precision
 - 043 Rotary
 - 044 Thread
 - 045 Band
- 13-050 Grinding Wheels
 - 051 General
 - 052 Resilient-Rubber
 - 053 Grindstones
 - 054 Diamond
 - 055 Cutoff
 - 056 Coping
 - 057 Segmented
 - 058 Form
 - 059 Mounted Points
- 13-060 Hobs
 - 061 General
 - 062 Gear
 - 063 Serration
 - 064 Spline
 - 065 Sprocket
 - 066 Thread
- 13-070 Milling Cutters
 - 071 Plain
 - 072 Form
 - 073 High-Helix
 - 074 Inserted-Blade
 - 075 Hollow, Adjustable
 - 076 Shell
 - 077 Thread
 - 078 End

13- TOOLS (cont.)

- 13-080 Reamers
 - 081 Adjustable
 - 082 Expansion
 - 083 Floating
 - 084 Replaceable-Head
 - 085 Solid-Carbide
 - 086 Stub, Screw Machine
 - 087 Taper
 - 088 General
 - 089 Subland
- 13-090 Saw Blades
 - 091 Band
 - 092 Circular
 - 093 Segmented
 - 094 Carbide-Tipped
 - 095 Diamond-Tipped
 - 096 Friction
 - 097 Hack
 - 098 Slitting
- 13-100 Turning, Shaping, Planing Tools
 - 101 Cutoff Blades
 - 102 Tool-Steel Bits
 - 103 Solid-Carbide Bits
 - 104 Carbide-Insert, 1½-inch
 - 105 Carbide-Insert, Throw-Away
 - 106 Carbide-Tipped
 - 107 Flat-Form
 - 108 Circular-Form
 - 109 Chip Breakers
- 13-110 Threading Tools
 - 111 Die Heads, Radial
 - 112 Die Heads, Tangential
 - 113 Dies, Threading
 - 114 Chasers, Radial
 - 115 Chasers, Tangential
 - 116 Taps, General
 - 117 Taps, Collapsing
 - 118 Taps, Solid Adjustable
- 13-120 Tips & Blanks
 - 121 Carbide Inserts, 1½-inch
 - 122 Carbide Inserts, Throw-Away
 - 123 Carbide Tips
 - 124 Ceramic Inserts
 - 125 Tool-Steel Blanks
 - 126 Drill & Reamer
 - 127 Form Tool, Circular
 - 128 Form Tool, Flat
- 13-130 Miscellaneous
 - 131 Grooving
 - 132 Knurling
 - 133 Countersinks & Chamfering
 - 134 Counterbores & Spotfacing
 - 135 Routers
 - 136 Burs
 - 137 Trepanning
 - 138 Wheel Dressers
 - 139 Special-Purpose
 - 140 Honing
 - 141 Gear Shaper
 - 142 Hole Saws
 - 143 Fly Cutters
 - 144 Back Spotfacers

20- FORMING, PUNCHING & SHEARING

- 21- MACHINES
- 21-010 Mechanical Presses
 - 011 Straight-Side

- 012 Brakes & Shears
- 013 Gap Frame
- 014 Open-Back, Inclined
- 015 Horning
- 016 Four-Slide
- 017 Dieing Machines
- 018 Bulldozers
- 019 Transfer
- 21-020 Hydraulic Presses
 - 021 Straight-Side
 - 022 Open-Rod
 - 023 C-Frame
 - 024 Horizontal
 - 025 Special-Purpose
 - 026 Bending
 - 027 Forging
 - 028 Brakes
- 21-030 Pneumatic Presses
 - 031 Housing Type
 - 032 Open-Rod
 - 033 C-Frame
 - 034 Quenching
 - 035 Special-Purpose
- 21-040 Manual Presses
 - 041 Rack & Pinion
 - 042 Hydraulic
 - 043 Screw
 - 044 Foot or Kick
- 21-050 Bending
 - 051 Roll Type
 - 052 Rotary-Head
 - 053 Ram Type
 - 054 Manual
- 21-060 Rolling
 - 061 Mills
 - 062 Spline
 - 063 Thread
 - 064 Form
 - 065 Gear
 - 066 Tube Mills
 - 067 Rod Mills
- 21-070 Stretch-Forming
- 21-080 Expanding-Mandrel
- 21-090 Spinning Lathes
- 21-100 Swaging
- 21-110 Headers
 - 111 Cold
 - 112 Hot
- 21-120 Forging
 - 121 Mechanical Press
 - 122 Hydraulic Press
 - 123 Mechanical Hammer
 - 124 Steam or Air Hammer
- 21-130 Extrusion Presses
- 21-140 Wire & Bar Drawing
- 21-150 Sheet-Metal Working
 - 151 Bending Brakes
 - 152 Squaring Shears
 - 153 Nibblers
 - 154 Throatless Shears
- 21-160 Special-Purpose Machines
 - 161 Straighteners, Shaft
 - 162 Slitters
- 21-170 Marking Machines
- 21-180 Cutoff Machines
 - 181 Mechanical
 - 182 Manual
- 21-190 Solenoid Punches
- 21-200 Spring Coilers
- 21-210 Turret Punch Presses

- 21-220 Uppsetters
- 22- ACCESSORIES
- 22-010 Die Sets
 - 011 Cast, Commercial
 - 012 Cast, Precision
 - 013 Steel, Commercial
 - 014 Steel, Precision
- 22-020 Guide Pins
- 22-030 Guide Bushings
 - 031 Plain
 - 032 Shoulder
 - 033 Antifriction
- 22-040 Strippers
 - 041 Spring
 - 042 Rubber
 - 043 Fixed
- 22-050 Springs
- 22-060 Punch & Die Retainers
 - 061 Ball-Lock
 - 062 Button-Head
 - 063 Setscrew
 - 064 Special
- 22-070 Bolster Plates
- 22-080 Cushions
 - 081 Pneumatic
 - 082 Spring
 - 083 Liquid-Spring
- 22-090 Ejectors
 - 091 Pins
 - 092 Air
- 22-100 Die Handlers
- 22-110 Stock Oilers
- 22-120 Coil Cradles
- 22-130 Stock Reels
- 22-140 Stock Straighteners
- 22-150 Scrap Choppers
- 22-160 Guards
- 22-170 Stock Feeds
 - 171 Slide
 - 172 Dial
 - 173 Roller
 - 174 Mechanical-Hand
 - 175 Special
- 22-180 Clutch & Brake Mechanisms
 - 181 Mechanical
 - 182 Pneumatic
 - 183 Magnetic
- 22-190 Stock Separators
- 22-200 Stock Guides
- 22-210 Controls
 - 211 Clutch
 - 212 Feed
- 22-220 Sleeves, Punch Support
- 23- TOOLS
- 23-010 Punches & Dies, Steel
 - 011 Blanking
 - 012 Embossing & Coining
 - 013 Forging
 - 014 Forming & Drawing
 - 015 Perforating
 - 016 Press-Brake
 - 017 Steel-Rule
 - 018 Trimming
 - 019 Special
- 23-020 Punches & Dies, Carbide
 - 021 Blanking
 - 022 Lamination
 - 023 Perforating
- 23-030 Punches & Dies, Plastic
 - 031 Forming & Drawing

- 23-040 Die Sections
 - 041 Steel
 - 042 Carbide-Edged
- 23-050 Forming Tools
 - 051 Blocks
 - 052 Stretch-Forming Dies
 - 053 Spinning Rollers
 - 054 Spinning Tools
 - 055 Bending
 - 056 Beading
 - 057 Flanging
 - 058 Seaming
 - 059 Special-Purpose
- 23-060 Rolling Tools
 - 061 Flat Rolls
 - 062 Form Rolls
 - 063 Spline Rolls
 - 064 Thread Rolls
 - 065 Knurling Rolls
 - 066 Slitting Rolls
- 23-070 Swaging Dies
- 23-080 Expanding-Mandrel Sections
- 23-090 Header Dies
- 23-100 Forging Dies
- 23-110 Upsetting Dies
- 23-120 Extrusion Dies
- 23-130 Wire-Drawing Dies
- 23-140 Sheet-Metal-Working Tools
- 23-150 Shear Blades
- 23-160 Wear Plates & Strips
- 23-170 Marking Dies
- 23-180 Tube Bending Mandrels

30- MOLDING & CASTING

- 31- SAND CASTING
 - 31-010 Equipment
 - 31-020 Core Boxes & Accessories
 - 31-030 Auxiliary Equipment
- 32- PRECISION CASTING
 - 32-010 Investment
 - 32-020 Plaster-Mold
 - 32-030 Shell-Casting
- 33- METAL MOLDING
 - 33-010 Die-Casting
 - 33-020 Permanent Mold
 - 33-030 Centrifugal Casting
- 34- PLASTIC MOLDING
 - 34-010 Machines
 - 34-020 Mold Bases & Accessories
 - 34-030 Auxiliary Equipment
- 35- METAL-POWDER FORMING
 - 35-010 Machines
 - 35-020 Accessories
 - 35-030 Tools
 - 031 Compacting Dies

40- TREATING & FINISHING

- 41- HEAT TREATING
 - 41-010 Furnaces
 - 011 Electric
 - 012 Gas
 - 013 Oil
 - 014 High-Frequency
 - 015 Induction
 - 41-020 Hardening Machines

- 021 Flame
- 022 Induction
- 023 Electrical-Resistance
- 41-030 Chilling Machines
- 41-040 Heat Guns, Electric
- 41-050 Heating Elements, Nonmetallic
- 41-060 Ovens
 - 061 Special-Atmosphere
 - 062 Vacuum
 - 063 Annealing
- 41-070 Components
 - 071 Pots & Retorts
 - 072 Burners
 - 073 Blowers
 - 074 Temperature Controls

42- ELECTROPLATING EQUIPMENT & SUPPLIES

- 43- CHEMICAL COATING
 - 43-010 Anodizing Equipment
 - 43-020 Phosphate-Coating Equipment

44- CLEANING EQUIPMENT

- 44-010 Degreasers
- 44-020 Electrochemical
- 44-030 Ultrasonic
- 44-040 Vapor-Spray
- 44-050 Dip-Tank

45- SURFACE COATING

- 45-010 Spray Painting
 - 011 Booth Equipment
 - 012 Guns & Accessories
 - 013 Exhaust Systems
- 45-020 Dip-Painting Equipment
- 45-030 Hot-Dip Plating Equipment
- 45-040 Vacuum-Plating Equipment
- 45-050 Metal-Spraying Equipment
- 45-060 Preservative Coating
 - 061 Dip
 - 062 Spray
- 45-070 Special-Purpose Equipment
 - 071 Drying Ovens
- 45-080 Fused-Coating Equipment

46- ABRASIVE FINISHING

- 46-010 Sanding
 - 011 Disk Machines
 - 012 Belt Machines
 - 013 Flexible-Head Machines
 - 014 Reciprocating Machines
 - 015 Drums
 - 016 Disks
 - 017 Belts
 - 018 Paper & Cloth
 - 019 Cord & Tape
- 46-020 Barrel Finishing
 - 021 Machines
 - 022 Natural Abrasives
 - 023 Synthetic Abrasives
 - 024 Compounds
 - 025 Barrels
- 46-030 Blast Finishing
 - 031 Machines
 - 032 Wet Abrasives
 - 033 Dry Abrasives
 - 034 Shot
- 46-040 Buffing
 - 041 Machines
 - 042 Wheels

numerical product code

47- POWER BRUSHING

- 47-010 Machines
- 47-020 Heads
- 47-030 Wire Brushes
- 47-040 Fiber Brushes
- 47-050 Accessories
- 47-060 Abrasive Flap Wheels

48- BURNISHING

- 48-010 Machines
 - 011 Linear
 - 012 Rotating
- 48-020 Accessories
- 48-030 Tools
 - 031 Broaches
 - 032 Ballizing
 - 033 Bearingizing

49- DEBURRING

- 49-010 Machines
- 49-020 Accessories
- 49-030 Tools

50- JOINING & ASSEMBLING

51- WELDING

- 51-010 Machines
 - 011 Electric-Arc
 - 012 Electric-Flash
 - 013 Electric-Projection
 - 014 Electric-Seam
 - 015 Electric-Spot
 - 016 Electric-Butt
 - 017 Gas
 - 018 Thermit
 - 019 Ultrasonic
 - 020 Stud
- 51-030 Accessories
 - 031 Shielded-Arc Equipment
 - 032 Electrode Holders
 - 033 Controls
 - 034 Cables
 - 035 Transformers
 - 036 Heads
 - 037 Arc-Cutting Equipment
 - 038 Flame-Cutting Equipment
 - 039 Torches & Tips

52- BRAZING

- 52-010 Ovens
- 52-020 Flame Equipment
- 52-030 Induction Equipment
- 52-040 Accessories

53- SOLDERING

- 53-010 Flame Equipment
- 53-020 Guns, Electric
- 53-030 Accessories

54- ADHESIVE BONDING

- 54-010 Equipment

54- ADHESIVE BONDING (cont.)

54-020 Accessories

55- RIVETING

55-010 Machines

-011 Squeeze Type

-012 Rotary Vibrating Type

-013 Spinning Type

-014 Hammer Type

-015 Special-Purpose

-016 Explosive-Detonating

55-020 Accessories

-021 Magazine Feeds

-022 Hopper Feeds

-023 Controls

55-030 Tools

-031 Hammers, Portable

-032 Punches

-033 Blind-Rivet Installation

56- STAKING

56-010 Machines

56-020 Accessories

56-030 Tools

57- THREAD FASTENING

57-010 Machines

-011 Power Screw Drivers

-012 Power Nut Runners

57-020 Accessories

-021 Magazine Feeds

-022 Hopper Feeds

-023 Controls

57-030 Tools

-031 Portable Power

-032 Bits

-033 Wrenches

58- SPECIAL

60- INSPECTION & TESTING

61- PHYSICAL & MECHANICAL
PROPERTY TESTING

61-010 Hardness

-011 Brinell

-012 Microhardness

-013 Rockwell

-014 Scleroscope

61-020 Strength of Materials

-021 Compression

-022 Fatigue

-023 Impact

-024 Tension

-025 Torsion

-026 Ductility

-027 Wear & Abrasion

62- FLAW DETECTION

62-010 Fluorescent Penetrating Dyes

-011 Ultraviolet Lights

62-020 Magnetic-Particle

-021 Demagnetizers

62-030 Radiological

62-040 Ultrasonic

62-050 X-ray

63- DIMENSIONAL INSPECTION

63-010 Comparators

-011 Air

-012 Electrical

-013 Mechanical

-014

Optical

-015

Electronic

63-020 Gear-Measuring Machines

63-030 Surface-Finish Measuring

Machines

63-040 Fixture-Relation Gaging

-041

Optical Equipment

-042

Direct-Measurement Equipment

63-050 Gages, Fixed or Adjustable

-051

Bar

-052

Bore

-053

Plug

-054

Ring

-055

Groove

-056

Snap

-057

Thread

-058

Template

-059

Special-Purpose

63-060 Gages, Dial Type

-061

Bore

-062

Depth

-063

Groove

-064

Height

-065

Snap

-066

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-067

Special-Purpose

-068

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63-070 Gage Components

-071

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-072

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-073

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-074

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-075

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-076

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-077

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-078

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-079

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63-080 Precision Measuring Standards

-081

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-082

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-083

Optical Flats

-084

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-085

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63-090 Toolroom Specialties

-091

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-092

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-093

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-094

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-095

Sine Bars & Plates

-096

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-097

V-Blocks

-098

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-099

Microscopes

63-100 Miscellaneous Gages

-101

Micrometer Type

-102

Automatic Gaging Equipment

-103

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Equipment

-104

Vernier Type

-105

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-106

Taper

-107

Ultrasonic

-108

Tool-Setting

-109

Brittle Coatings

64- SPECIAL-PURPOSE TESTING

MACHINES

64-010

Balancing

-011

Static

-012

Dynamic

64-020

Spring-Testing

64-030 Pressure-Testing

64-040 Dynamometers

64-050 Vibration-Testing

64-060 Gear-Testing

64-070 Tachometers

-071 Stroboscopic Equipment

64-080 Scales

64-090 Coating Thickness Tester

64-100 Chemical Analysis

70- PORTABLE TOOLS

71- PNEUMATIC

71-010 Drills

71-020 Screwdrivers

71-030 Nut Runners

71-040 Countersinks

71-050 Saws

71-060 Grinders

71-070 Hammers

71-080 Broaches

71-090 Sanders

71-100 Impact Wrenches

71-110 Polishers

71-120 Riveters

71-130 Nibblers

71-140 Scrapers

71-150 Tappers

71-160 Routers

72- HYDRAULIC

72-010 Drills

72-020 Screwdrivers

72-030 Nut Runners

72-040 Broaches

72-050 Riveters

73- ELECTRIC

73-010 Drills

-011 Magnetic-Base

73-020 Screwdrivers

73-030 Nut Runners

73-040 Countersinks

73-050 Saws

73-060 Grinders

73-070 Sanders

73-080 Impact Wrenches

73-090 Polishers

73-100 Hammers

73-110 Nibblers

73-120 Routers

73-130 Scrapers

73-140 Tappers

74- MANUAL

74-010 Mechanic's Hand Tools

-011 Clamps

-012 Vises, Bench

74-020 Mechanic's Measuring Tools

-021 Calipers

-022 Gages, Hand

-023 Gages, Micrometer

-024 Tapes, Measuring

-025 Rules & Scales

-026 Vernier Tools

-027 Torque Wrenches

74-030 Layout Tools

-031 Dividers & Scribes

-032 Levels & Plumbs

-033 Universal Bevel Protractors

-034 Squares

- 035 Straight Edges
- 036 Curves & Templates
- 037 Fluids

80- AUXILIARY EQUIPMENT

- 81- ELECTRICAL
- 81-010 Switchgear
- 81-020 Motors
 - 021 Actuators, Linear
 - 022 Actuators, Rotary
- 81-030 Machine Controls
 - 031 Numerical Systems
 - 032 Tracer Systems
 - 033 Computers
 - 034 Control Components
 - 035 Overload Protectors
 - 036 Tape-Preparation Equipment
- 81-040 Lighting Fixtures & Lamps
- 81-050 Generators
 - 051 Motor-Generator Sets
- 82- FLUID POWER
- 82-010 Air Valves
 - 011 Pilot-Operated
 - 012 Solenoid-Operated
 - 013 Mechanically-Operated
 - 014 Manually-Operated
- 82-020 Hydraulic Valves
 - 021 Pilot-Operated
 - 022 Air-Operated
 - 023 Solenoid-Operated
 - 024 Mechanically-Operated
 - 025 Manually-Operated
- 82-030 Air Cylinders
 - 031 Light-Duty
 - 032 Medium-Duty
 - 033 Heavy-Duty
- 82-040 Hydraulic Cylinders
 - 041 Light-Duty
 - 042 Medium-Duty
 - 043 Heavy Duty
- 82-050 Air Motors
 - 051 Rotating
 - 052 Reciprocating
- 82-060 Hydraulic Motors
 - 061 Rotating
 - 062 Reciprocating
 - 063 Actuators, Rotary
- 82-070 Air Pumps
 - 071 Displacement Compressors
 - 072 Centrifugal Compressors
 - 073 Vacuum
- 82-080 Hydraulic Pumps
 - 081 Piston
 - 082 Vane
 - 083 Gear
 - 084 Centrifugal
- 82-090 Components
 - 091 Fittings
 - 092 Hose
 - 093 Packings & Seals
 - 094 Pressure Regulators
 - 095 Pressure Gages
 - 096 Filters & Collectors
 - 097 Air Lubricators
 - 098 Mufflers, Exhaust
 - 099 Flexible-Metal Hose & Tubing
- 82-100 Special Pneumatic Devices
 - 101 Transmissions
- 82-110 Special Hydraulic Devices

- 82-120 Combination Air-Hydraulic Devices
- 121 Accumulators & Boosters

83- MECHANICAL

- 83-010 Power-Transmission Equipment
 - 011 Gear Drives
 - 012 Speed Changers
 - 013 Chain & Sprocket Drives
 - 014 Pulley & Belt Drives
 - 015 Clutches
 - 016 Couplings
 - 017 Flexible Shafts & Details
 - 018 Rigid Shafts & Details
 - 019 Gears
- 83-020 Variable-Speed Drives
- 83-030 Material Handling Equipment
 - 031 Bulk-Handling & Storage
 - 032 Parts-Handling & Storage
 - 033 Components
 - 034 Counting Devices
 - 035 Separators, Parts from Scrap
- 83-040 Jigs & Fixtures
 - 041 Machining
 - 042 Assembly
 - 043 Inspection
 - 044 Components
 - 045 Drill Jigs
- 83-050 Clamps
 - 051 Toggle
 - 052 Cam
 - 053 Assemblies
 - 054 Spring-Loaded
 - 055 Air-Operated
- 83-060 Bushings
 - 061 Drill-Jig
 - 062 Guide, Plain
 - 063 Guide, Live
 - 064 Flexible
- 83-070 Bearings
 - 071 Plain, Mounted
 - 072 Plain, Unmounted
 - 073 Antifriction
 - 074 Self-lubricating
 - 075 Linear, Antifriction
 - 076 Nylon
- 83-080 Machine Bases & Ways
 - 081 Way Covers
 - 082 Covers, Sleeve or Boot
- 83-090 Vibration Insulators
 - 091 Leveling Jacks
- 83-100 Lapping Plates

90- SPECIAL PRODUCTS

- 91- HARDWARE
- 91-010 Threaded Fasteners
 - 011 Screws
 - 012 Bolts
 - 013 Studs
 - 014 Nuts
 - 015 Couplings
- 91-020 Rivets
 - 021 Solid
 - 022 Split
 - 023 Tubular
 - 024 Blind
- 91-030 Pins & Keys
 - 031 Taper
 - 032 Dowel

numerical product code

- 033 Special Shape
- 034 Keys
- 91-040 Springs
 - 041 Helical
 - 042 Leaf
 - 043 Special-Form
 - 044 Belleville
- 91-050 Washers
 - 051 Plain
 - 052 Locking
- 91-060 Screw-Thread Inserts
- 91-070 Gaskets
- 91-080 Mechanical Rubber Goods
 - 081 "V" Belts
 - 082 Fabric
 - 083 Special Shapes
- 91-090 Retaining Rings
- 91-100 Drill Rod
- 91-110 Shimstock
- 91-120 Fasteners, Push-On
- 91-130 Name Plates
- 91-140 Plugs
 - 141 Expanding
 - 142 Pin
 - 143 Welsh
- 91-150 Machine Handles
- 92- ENGINEERING INSTRUMENTS & APPARATUS
- 92-010 Drafting Equipment
 - 011 Boards & Tables
 - 012 Machines & Straight Edges
 - 013 Instruments
 - 014 Accessories
- 92-020 Slide Rules
- 92-030 Planimeters & Integrators
- 92-040 Models & Templates, Plant Layout
- 92-050 Duplicating Equipment
 - 051 Machines
 - 052 Materials
- 92-060 Magnifiers
- 93- PHOTOGRAPHIC EQUIPMENT
- 93-010 Cameras
 - 011 Still
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- 93-020 Accessories
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- 94- PLANT EQUIPMENT
- 94-010 Dust Collectors
 - 011 Flexible Ducts
- 94-020 Cranes
- 94-030 Hoists
- 94-040 Extractors, Centrifugal
- 94-050 Safety Equipment, Personal
- 94-060 Reels & Balancers, Tool-Suspension
- 94-070 Television, Closed-Circuit Equipment

Cast-Epoxy Holding Fixtures

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Ability to hold close tolerances, high strength and ease of fabrication are some of the advantages of cast-epoxy fixtures. Essential fabrication data are given by the author.

EARLY EFFORTS TO APPLY PLASTICS to tooling were concentrated on the development of laminated jigs and fixtures, using cloth and epoxy laminating resins. More recent developments in epoxy casting resins permit the preparation of cast (solid) jigs, fixtures and tools, *Fig. 1*. The dimensional stability of properly formulated epoxies suits them for precision holding fixtures. Numerous gaging and inspection applications are also possible. Assembly applications include special welding, drilling, bonding and riveting tools.

Epoxy Characteristics: Most epoxy plastics contain a resin and a hardener. When these are combined, a chemical reaction ensues, accompanied by heat, and the materials gel and cure. Special formulations have been developed for casting epoxy holding fixtures. These formulations can be cast in any thickness and adjusted to any desired flexibility. Properties of two typical mass casting resins are listed in the accompanying table.

The resin and curing agent are blended and poured by the user. There are several basic cautions to observe with room-temperature-setting epoxies:

1. When mixing resins with curing agents, use only the recommended proportions and pour during the useful pot life of the material

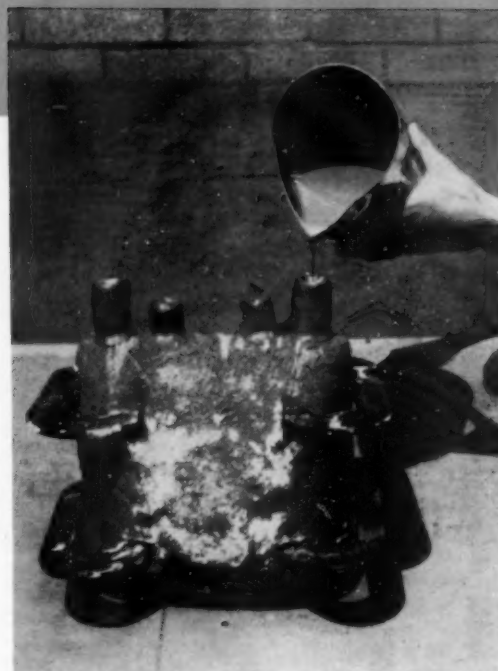


Fig. 1. Epoxy compound is poured into a sand-epoxy mold to form a cast-epoxy tool.

2. Epoxies heat internally during curing. Observe the manufacturer's recommendations carefully and use reliable resin formulations
3. Epoxies shrink during curing. For larger castings against metal, use semirigid casting materials that will not tend to crack. Where exact alignments are required, use inserts of cured laminated epoxies or metal straps to hold precise dimensions
4. Epoxies are adhesive. Use release agents to eliminate sticking
5. Minimize sharp corners and abrupt dimensional changes by using adequate wall thickness and glass-cloth reinforcements
6. Air pockets and bubbles displaced by the epoxy tend to rise. Pour so that the plastic flows from the bottom upward, preferably toward a reservoir or plane that can be trimmed from the finished casting or toward an area where presence of bubbles is not objectionable.

The procedure for making a cast-epoxy holding fixture is illustrated in *Fig. 2*, which shows the preparation of a holding fixture for a gear. Preparing

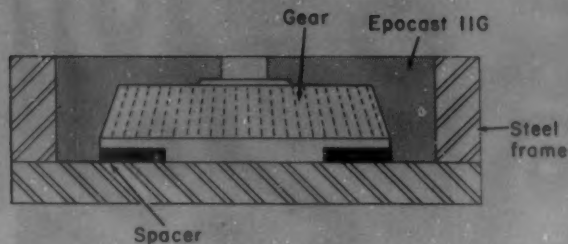


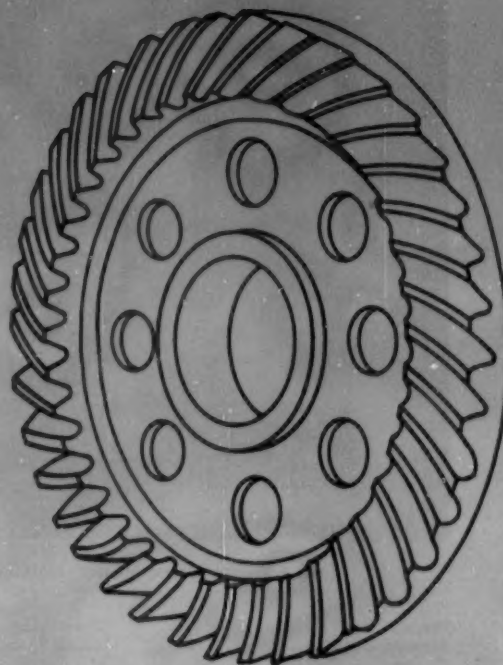
Fig. 2. Method of casting an epoxy holding fixture for gear grinding and facing operations. Such fixtures are dimensionally accurate, easily fabricated.

such a fixture in metal is costly and complicated, particularly if special gear teeth designs are involved. With cast epoxies, on the other hand, fabrication costs are low and duplication of fixtures is simple once a master pattern is made. The steps in making a cast fixture are:

1. Apply a light film of release agent over the pattern
2. Position the pattern in the center of a frame or container
3. Provide pouring spouts, relief holes (if air may be entrapped) and reservoirs for excess material
4. Mix and pour the resin and hardener in proper proportions, allowing the plastic to set until firm or cured
5. Remove the pattern from the mold.

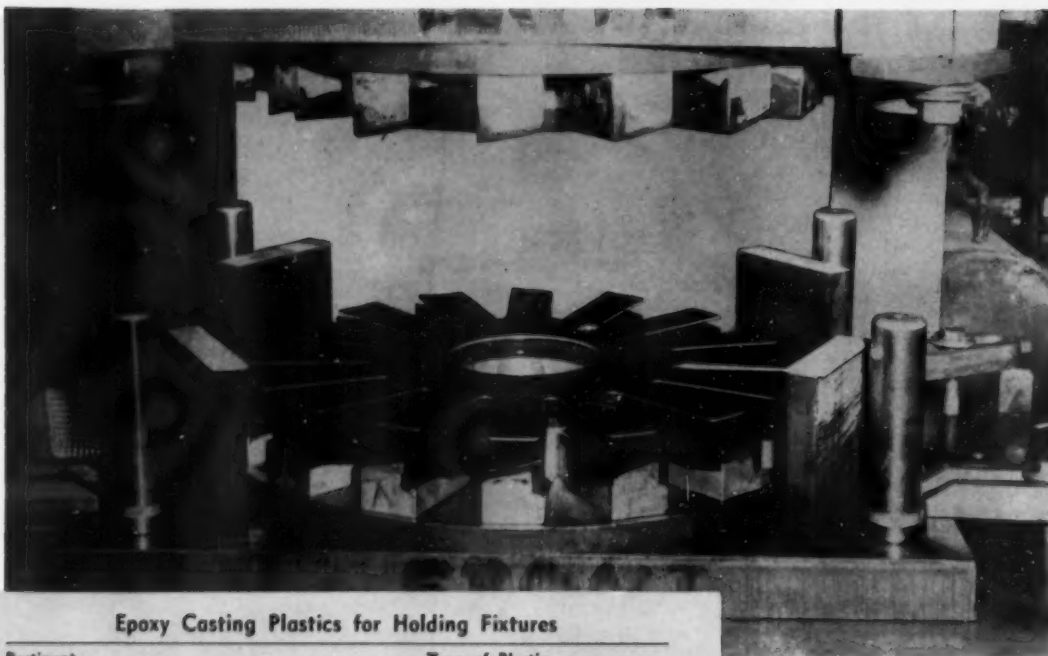
If a holding fixture is complicated—for example, one to position some pipe fitting such as a T-section in the jaws of a lathe—careful design and pouring are required. Care and judgment must be exercised to determine separating planes and avoid undercuts, because the cast-epoxy holding fixture will have to be prepared in several operations. Additional steps, such as the introduction of drill bushings, or gaging points to locate accurate drill angles in the fixture may be required. The inherently good bonding qualities of the epoxy resins are apparent when introducing these added features. Where several drill bushings are required at different angles of entry, it is best to insert them into the completed fixture by additional bonding, rather than by casting them into place. Fig. 1 illustrates the pouring of an epoxy tool into a sand-epoxy mold. Risers are located at possible positions of air entrapment.

Ease of fabrication and ready duplication are only two of the advantages of cast epoxies. Other advantages are:



1. Metal scratching is minimized. The tough but resilient character of some plastics will prevent marring or scratching of polished or sheet-plated metal parts. Cast-epoxy faces are used on the metal forming tools shown in Fig. 3 to minimize scratching or marring
2. Epoxy plastics are good electrical insulators and may be used to hold metal parts in accurate position while they are being spot welded
3. If handling of hot metal parts is a problem, the low heat transfer of epoxy plastics will be sufficient to reduce discomfort
4. Epoxy plastics can be colored in depth and holding fixtures may be color coded to identify specific functions. Colors are generally provided in the curing agents
5. Accuracy of cast epoxies makes possible contour and dimensional gaging applications. Spinning chucks can also be fabricated from epoxy resins
6. The dielectric advantages of cast-epoxy holding fixtures are apparent in high-frequency core driers, where sand cores are held by their negative epoxy replicas which support them during the drying operation in a high-frequency field.

Nonflowing Epoxies: "Trowellable" or "hand formable" epoxy formulations—nonflowing pastes—are a decided asset to toolmakers. Instead of casting about a model or pattern, a holding fixture



Epoxy Casting Plastics for Holding Fixtures

Pertinent Physical Characteristic of Epoxy	Type of Plastic			
	Slow-Curing (Epocast 11-D)		Fast-Curing (Epocast 11-G)	
	Rigid	Semirigid	Rigid	Semirigid
Curing agent*, percent	20	40	15	40
Pot life of 400 grams, hr	3.0	2.5	1.33	1.0
Mixed viscosity, cps	25,000	11,000	39,000	17,000
Hardness, Shore D scale	45-54	27-20	71-59	30-22
(Inst./10 sec. in 24 hr)				
Hardness, Shore D scale (after post cure)	72-62	30-22	84-80	37-27
Ultimate compressive strength (psi)	6500	3500	10,000	3500
Density, g per cc	1.77	1.60	1.89	1.62
Linear coefficient of expansion, in/in/deg F	6×10^{-6}	8×10^{-6}	6×10^{-6}	9×10^{-6}
Linear shrinkage†, in/in	0.005	0.0057	0.005	0.003

*No. 9813 curing agent used for Slow-Curing type; No. 985 for Fast-Curing.

†Including post cure.

Fig. 3. (above) Cast epoxy is used in forming die at Bell Aircraft. Die life is outstanding and fabrication costs are low.

may be built up. A paste resin and paste hardener are combined in the required proportions and applied to the part. The material will separate easily, provided a release agent is first brushed into position.

Nonflowing epoxy compositions are similar to clay or putty, and are formulated as dense, metal-filled compounds or as lightweight wood-like materials. They are becoming increasingly popular, not only in building holding fixtures in the field, but also for repairs and emergency patching.

There are a number of guideposts to assist tool-makers in the selection of materials.

1. Select formulations that have been specifically developed for the function desired. The resin formulator will offer technical service and assist in the application
2. Use only materials that have been tested and

evaluated before shipment for properties significant to the end use

3. Filled formulations are invariably superior for plastic holding fixtures. Select those which have been thoroughly processed to minimize settling difficulties
4. Plastics and their hardeners may create dermatitis problems. Use only materials known or certified to be safe in handling, because physical contact is almost unavoidable.

Epoxyes are exciting materials to work with. The preparation of plastics holding fixtures represents a practical and purposeful start in the plastics tooling field. Once the necessary casting techniques are mastered, some of the other possible applications of plastics tooling can be considered. These include plastics dies, checking and inspection fixtures and many, many others.

calculating Drilling Torque and Thrust

By S. R. Uniechowski

Associate Professor, Engineering Mechanics
University of Detroit
Detroit, Mich.

DESIGNS AND SPECIFICATIONS for drilling machines are based on torque and thrust, which must be calculated for each range of feed and speed. The following formulas have been established for computing torque and thrust:

For torque:

$$T = Cf^m d^n \quad (1)$$

For thrust when drilling brass and aluminum:

$$B = Kf^p d^r \quad (2)$$

For thrust when drilling iron and steel:

$$B = Kf^p \left(\frac{d}{5} + \frac{w}{d} \right)^q \quad (3)$$

Where T = torque, ft-lb; C = a constant depending on workpiece material, drill design and cutting fluid; f = feed, ipr; d = drill diameter, inch; B = thrust, lbs; K = a constant corresponding to C in the torque equation; and w = web thickness of drill, inch. The exponents m , n , p , r , and q vary with the material to be drilled. Usually the ratio w/d is obtained from special tables.

Five nomograms are presented here for the solution of EQUATIONS 1, 2 and 3. These nomograms expedite torque and thrust calculations and give solutions that are sufficiently accurate for most design purposes. For simplicity, ranges of variables have been combined. In Fig. 1, for example, exponents n and r are on the same scale and exponents p and m are combined on another. Figs. 1 and 2 are each two charts in one. Use of the nomograms can best be illustrated by examples.

EXAMPLE 1: Given the values $f = 0.005$, $d = \frac{3}{8}$, $m = 0.8$, $n = 1.8$, $C = 1100$, $p = 0.6$, $r = 1.4$, $K = 40,000$, what are the values of torque and thrust when drilling brass or aluminum?

SOLUTION FOR TORQUE: On Fig. 1 connect the points for $f = 0.005$ and $m = 0.8$ on appropriate scales obtaining

$f^m = 0.0148$. Similarly, on the same chart, connect the points for $d = \frac{3}{8}$ and $n = 1.8$ obtaining $d^n = 0.18$ on the right-hand scale (for $d < 1$). On Fig. 3, connect the points for $C = 1100$ and $f^m = 0.0148$ and extend this line to intersect with the uncalibrated dummy scale. Connect the intersection point on this scale with $d^n = 0.18$. Read the torque on the T scale. The answer is 2.95 ft-lb. Exact calculation with log tables gives the torque as 2.931 ft-lb, so the approximation obtained with the nomograms is reasonably close.

SOLUTION FOR THRUST: Obtain the values of f^p and d^r from Fig. 1 in the same manner as used for f^m and d^n in the solution for torque. The results are $f^p = 0.042$ and $d^r = 0.27$. On Fig. 4 connect the points for $K = 40,000$ and $f^p = 0.042$ and extend the line to intersect the dummy scale. Draw a line from this intersection to the proper value of d^r and read thrust on B scale. In this example the intersection on the dummy scale lies outside the area of the chart. To bring the intersection back on the scale, a value of 0.0042 is selected for f^p , instead of 0.042. The result is then read on the B scale as 460 lb instead of 46 lb as shown.

EXAMPLE 2: For iron or steel $d = \frac{1}{8}$ inch; $f = 0.0025$; $p = m = 0.9$; $n = r = 1.2$; $w/d = 0.185$; $q = 1.9$, $C = 750$; and $K = 300,000$.

SOLUTION: Proceeding as in the previous example, $f^m = 0.0046$ and $d^r = 0.085$. Fig. 3 shows that torque is 0.030 ft-lb. On Fig. 2, for $d = \frac{1}{8}$ and $w/d = 0.185$ obtain $(d/5 + w/d) = 0.21$ on the left-hand scale. This value of $(d/5 + w/d)$ is then located on the right-hand scale and a line drawn through this point and $q = 1.9$ to the scale for $(d/5 + w/d)^q$. The resultant value is 0.052. Finally, Fig. 5 gives torque, B , as 72 ft-lb as shown.

References

1. Boston, O. W. and C. J. Oxford—*Trans. Am. Soc. Mech. Engrs.*, RP55-1, 1933 and RP58-2, 1936.
2. Carmichael, Colin; et. al.—*Ken's Mechanical Engineers' Hand Book, Design and Production Volume*, John Wiley & Sons, Inc., 1950.

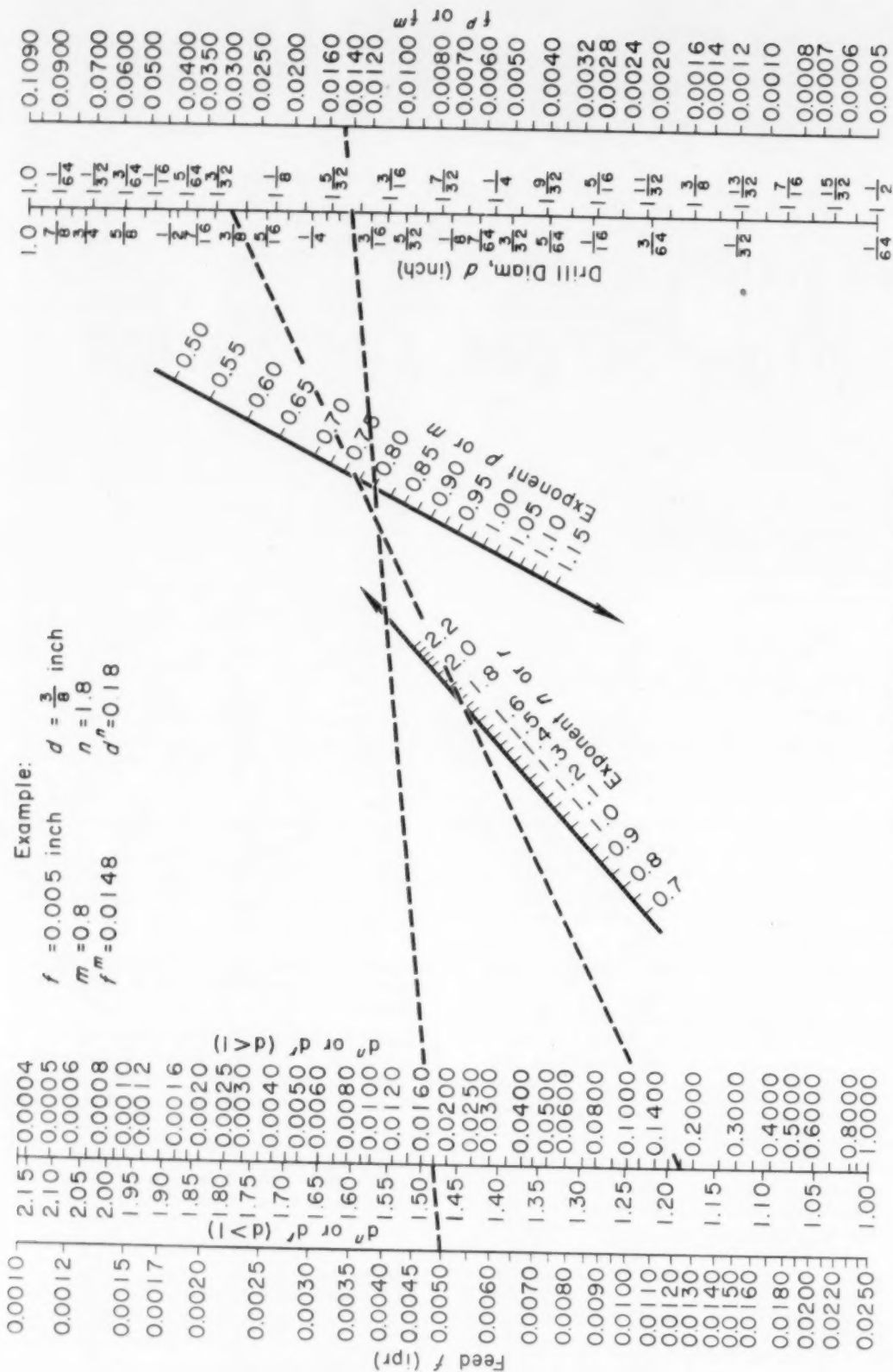


FIG. 1. VALUES FOR f^p OR f^m AND d^n OR d^m

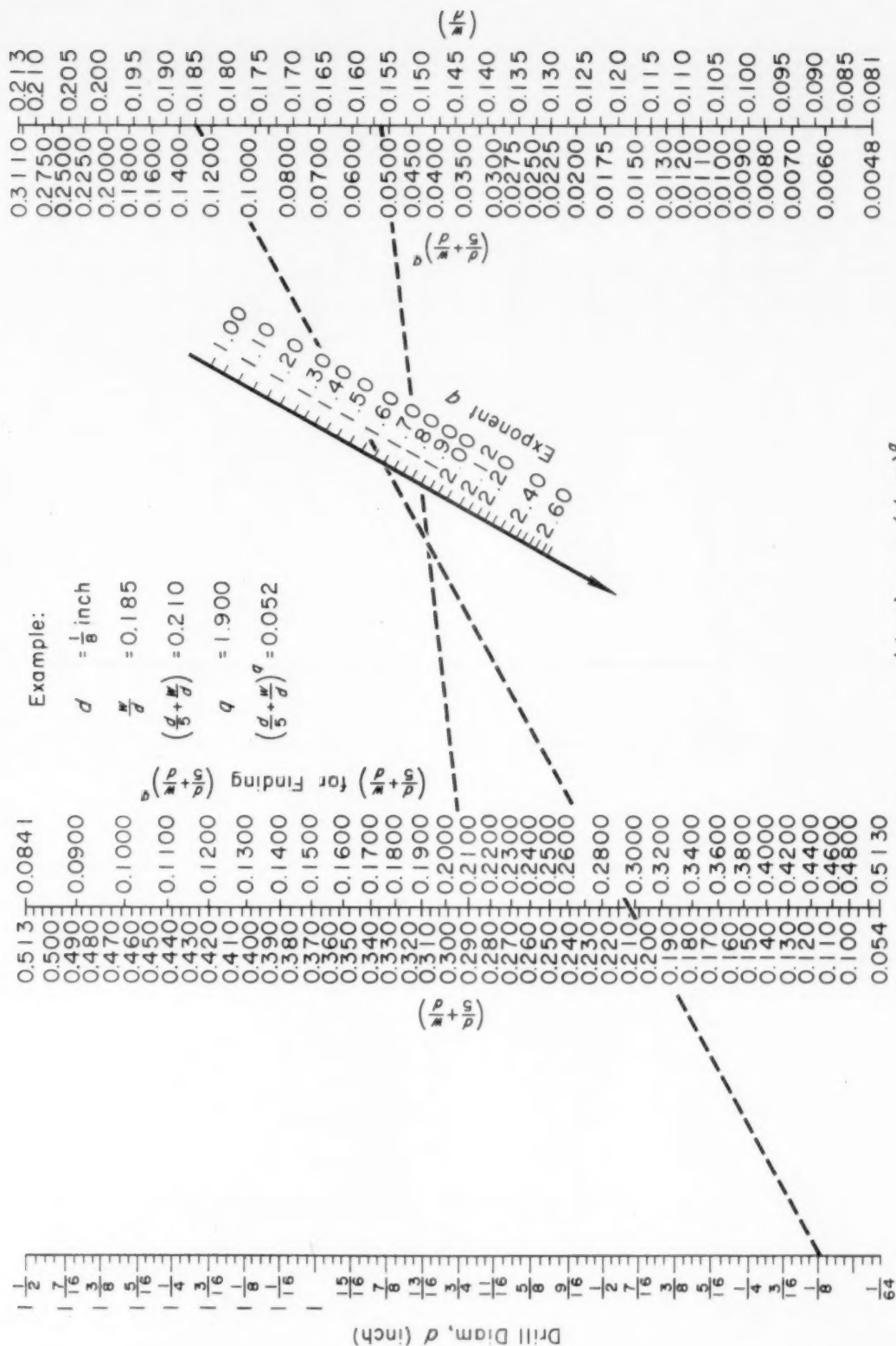


FIG. 2. VALUES FOR $\left(\frac{d+w}{d}\right)^q$ AND $\left(\frac{p}{d} + \frac{s}{d}\right)$

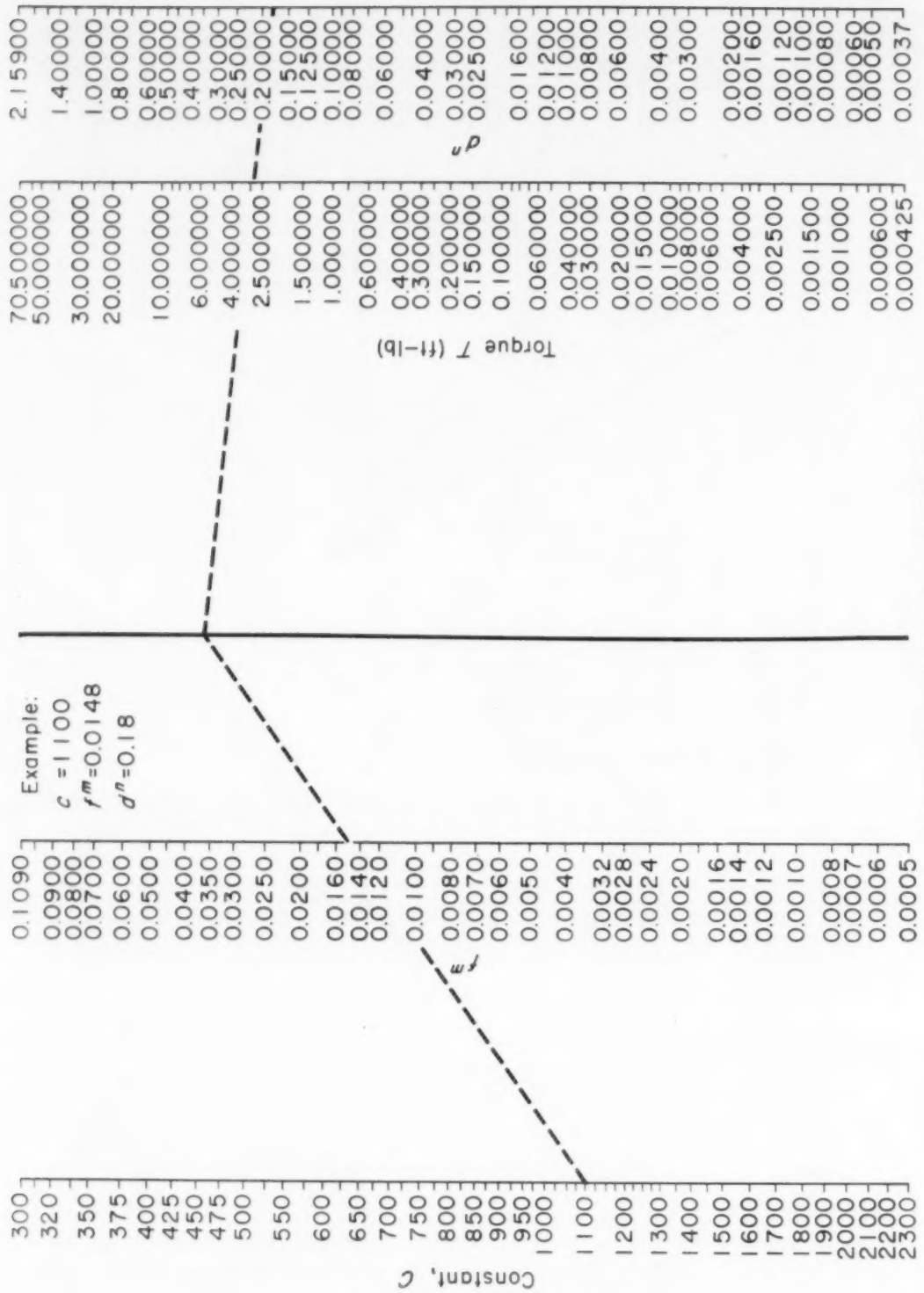


FIG. 3. TORQUE FOR ALL MATERIALS

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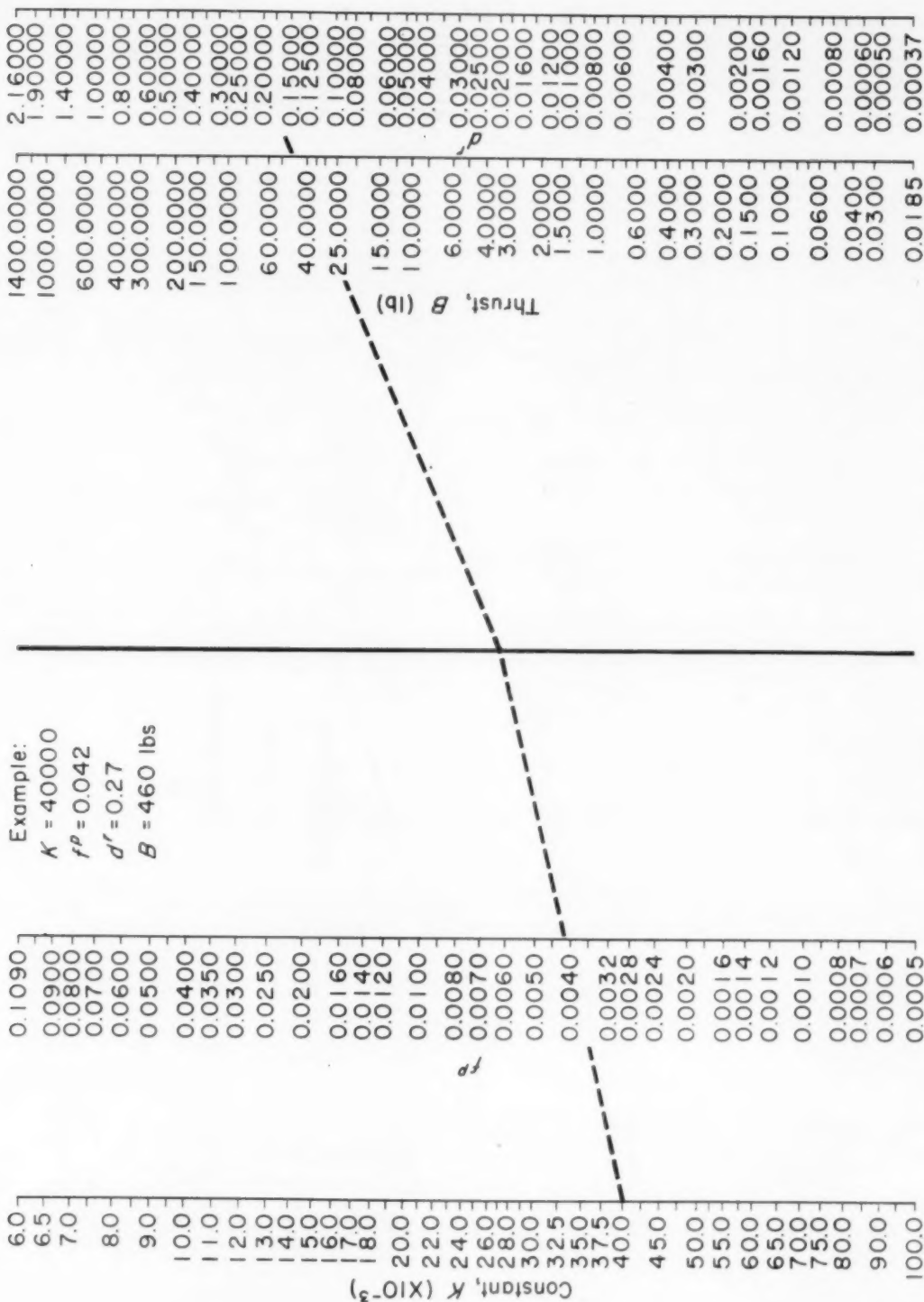


FIG. 4. THRUST FOR BRASS AND ALUMINUM

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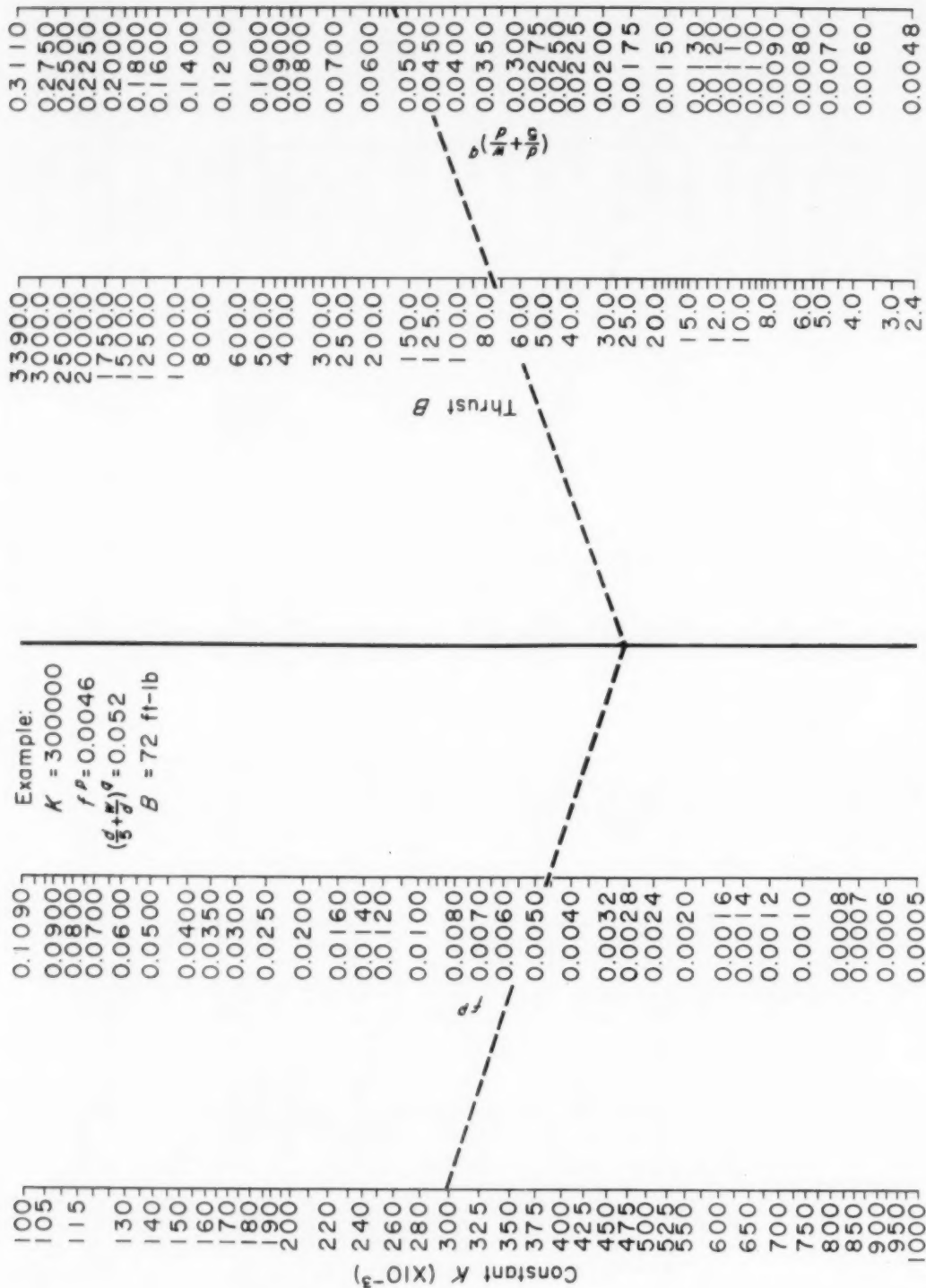


FIG. 5. THRUST FOR IRON AND STEEL

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T-HANDLE HORIZONTAL-BAR TYPE Model 210-TS

Medium duty. Holding pressure, 750 lbs. Bar moves 100"; handle, 55". Weight, 1 lb. 4 oz.



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Light duty. Low silhouette and complete working area clearance. Holding pressure, 375 lbs. Bar moves 185"; handle, 60". Weight, 12 oz.



VARIABLE POSITION LATCH TYPE Model 201

Light-Medium Duty. Holding pressure, 375 lbs. Length, 8 5/8"; height, 1 3/4"; drawing movement, 3 1/2". Weight, 12 oz.



VARIABLE POSITION THRUST TYPE Model 101

Light duty. Holding pressure, 200 lbs. Height, 1 1/4"; base, 1 1/2" x 1"; clamping range 113". Weight, 5 oz.



HORIZONTAL-TRAVEL PLUNGER TYPE Model 650

Heavy duty. Overall length, 11 1/4"; height, 4 3/4"; base, 4 3/4" x 3"; 3" plunger travel. Holding pressure, 4,000 lbs. Weight, 5 lbs. 10 oz.



HORIZONTAL HANDLE- AND BAR TYPE Model 235-U

Medium duty. Holding pressure, 600 lbs. Permits both lateral and vertical bolt adjustment. Bar moves 90"; handle 55". Weight, 1 lb. 4 oz.



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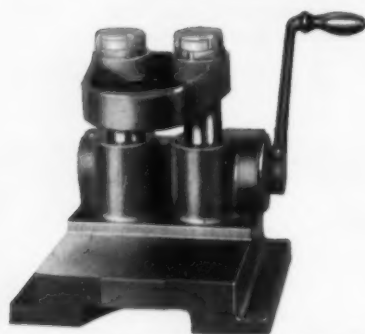
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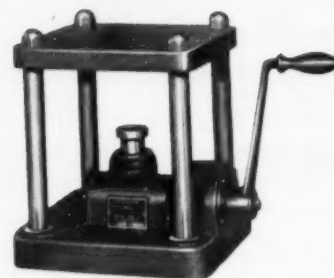
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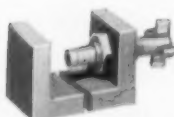
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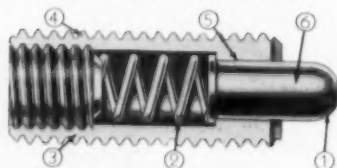


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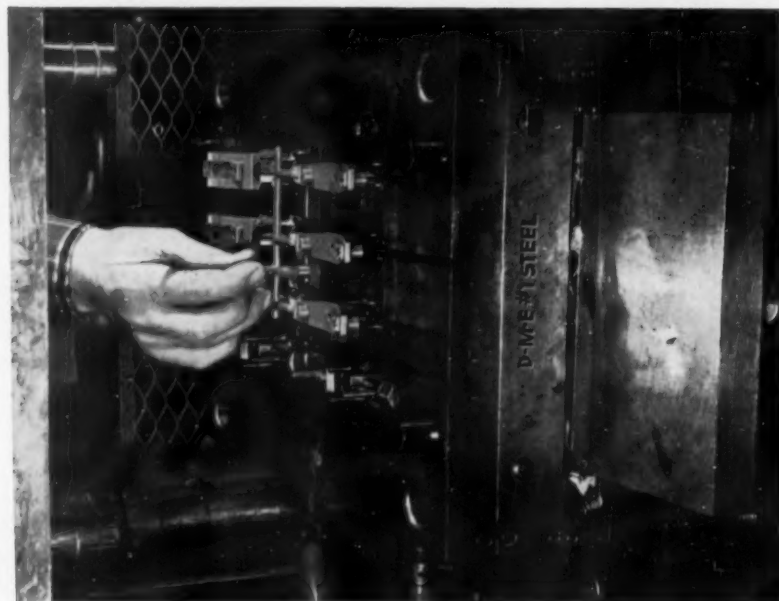
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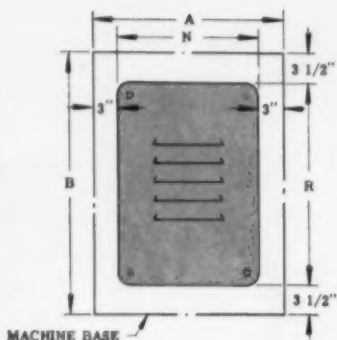
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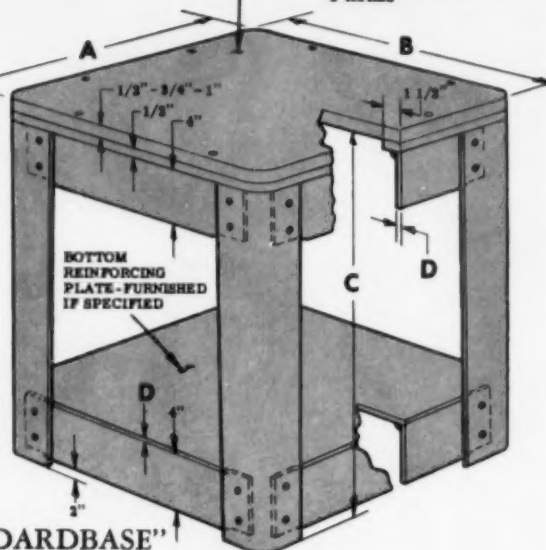
"STANDBASE"



LOUVER PANEL		1/16" THICK	
A	B	36"	48"
24 1/2"	17 1/2"	P-17 24	P-17 36
30 1/2"	23 1/2"	P-23 30	P-23 36
36 1/2"	29 1/2"	P-29 30	P-29 36
42 1/2"	35 1/2"	P-35 30	P-35 36
48 1/2"	41 1/2"	P-41 30	P-41 36
54 1/2"	47 1/2"	P-47 30	P-47 36
60 1/2"	53 1/2"	P-53 30	P-53 36



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TOP PLATE IS SURFACE GROUND DRILLED AND C'BORED FOR 1/2" SOC. HD. SCR		LOUVER PANEL		1/16" THICK	
A	B	36"	48"	36"	48"
24 1/2"	17 1/2"	P-17 24	P-17 36	P-17 24	P-17 36
30 1/2"	23 1/2"	P-23 30	P-23 36	P-23 30	P-23 36
36 1/2"	29 1/2"	P-29 30	P-29 36	P-29 30	P-29 36
42 1/2"	35 1/2"	P-35 30	P-35 36	P-35 30	P-35 36
48 1/2"	41 1/2"	P-41 30	P-41 36	P-41 30	P-41 36
54 1/2"	47 1/2"	P-47 30	P-47 36	P-47 30	P-47 36
60 1/2"	53 1/2"	P-53 30	P-53 36	P-53 30	P-53 36

MACHINE BASE		LOUVER PANEL		1/16" THICK	
A	B	36"	48"	36"	48"
24 1/2"	17 1/2"	P-17 24	P-17 36	P-17 24	P-17 36
30 1/2"	23 1/2"	P-23 30	P-23 36	P-23 30	P-23 36
36 1/2"	29 1/2"	P-29 30	P-29 36	P-29 30	P-29 36
42 1/2"	35 1/2"	P-35 30	P-35 36	P-35 30	P-35 36
48 1/2"	41 1/2"	P-41 30	P-41 36	P-41 30	P-41 36
54 1/2"	47 1/2"	P-47 30	P-47 36	P-47 30	P-47 36
60 1/2"	53 1/2"	P-53 30	P-53 36	P-53 30	P-53 36

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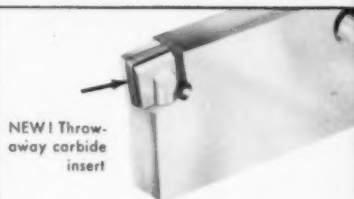
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GIDDINGS & LEWIS T.M.

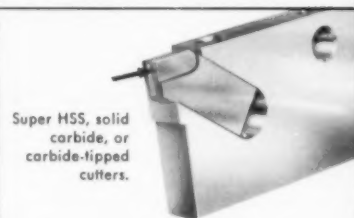
New low prices announced for DAVIS' BLOCK-TYPE CUTTERS

TWO-CUTTER BLOCKS for production boring



NEW! Throw-away carbide insert

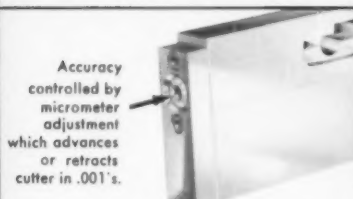
Two-cutter block with throwaway inserts—no carbide grinding—lower tooling costs. For high-production rough boring.



Super HSS, solid carbide, or carbide-tipped cutters.

Two-cutter block with expandable cutters—Adjustable for regrinds and range of bore diameters.

SINGLE-CUTTER BLOCKS for general-purpose work



Accuracy controlled by micrometer adjustment which advances or retracts cutter in .001's.

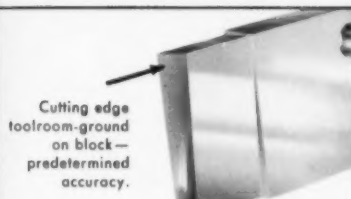
Micrometer-adjustable single-cutter block—covers substantial range of bore diameters, reduces investment in tools required.



Throwaway carbide insert

Micrometer-adjustable block with throwaway insert—the versatility of adjustment plus the economy of inserts.

CUSTOM-MADE BLOCKS for production boring



Cutting edge toolroom-ground on block—predetermined accuracy.

Solid block cutters—maximum face width for boring and facing. Super HSS body—can be carbide-tipped.



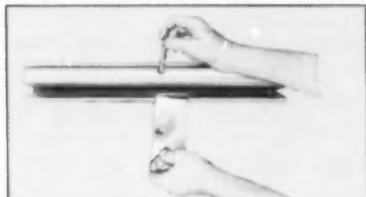
Multiple cutters expandable for regrinds.

Expandable multi-cutter blocks—for combined operations such as boring and facing. Accuracy controlled by toolroom.

... a complete interchangeable tooling system with toolroom control of accuracy for all boring and facing operations 3/4" through 17" diameter.

Completion of extensive improvements in manufacturing techniques has enabled Davis to make important price reductions in block tooling—ranging as high as 35% on some items.

Davis blocks and block-type boring bars form a complete, versatile tooling system for a wide range of boring, backboring, counterboring, chamfering, facing, form-cutting, and combined operations.



Simple, quick block changes—A single taper-locating screw holds the block securely in the bar.

In any given size range, the six blocks illustrated are quickly interchangeable in the same bar without removing the bar from the machine. Less bar inventory is required than with other types of boring tools. Block is rigidly locked in the bar, permitting heavy cuts with high degree of accuracy.

Built-in size control. All Davis blocks, except those using throwaway carbide inserts, have precision-located grinding centers, permitting grinding of assembled block and cutter to a specified diameter—thereby eliminating cut-and-try at the machine.

High production. On most jobs, feed rates used with Davis two-cutter blocks can be at least double those used with single-cutter tools.

Chip load is divided between the two cutters. Opposed cutting action minimizes bar deflection commonly a problem in single-cutter tooling.

Versatility and economy. Single-cutter micrometer-adjustable blocks broaden the range of Davis block tooling by making it possible to use existing block-type bars for one-of-a-kind, short-run, or salvage work.

Multi-cutter and solid blocks further extend the economy of the block tooling system, permitting use of standard bars for special production requirements.

For complete information and new pricing, call your Davis distributor for Davis block catalog D-510 and bar catalog D-520, or write to:

GIDDINGS & LEWIS MACHINE TOOL COMPANY

DAVIS DIVISION, Fond du Lac, Wisconsin

See other side.

Tooling ideas from Davis



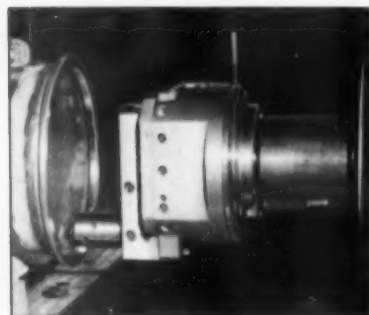
...a division of

GIDDINGS & LEWIS

T.M.

New 4", 6", and 10" Facing Heads Feature Continuous Feed

New Davis 4", 6", and 10" continuous-feed facing heads are designed for boring, facing, turning, counter-boring, backfacing, grooving, and chamfering operations on any rotating spindle machine tool. The head is mounted in and powered by the machine spindle. Actuation is by means of a detachable handle or optional handwheel or remote device.



Features of the new tools include:

1. Continuous radial feed (not incremental).
2. Adjustable safety clutch which releases under overload.
3. Adjustable feed stops to control maximum depth of radial feed.
4. Micrometer adjustment of radial feed in increments of .0001".
5. Rapid traverse—manually operated.
6. Standard or special shanks—also special adapters for flange mounting.

The 4" head feed rate is .0055" per revolution, with total slide travel of 1 1/4". Tool bar diameter is 3/4". Maximum recommended cutting diameter 10".

The 6" head feed rate is .005" with a total slide travel of 2". Tool bar diameter is 1 1/4". Maximum cutting diameter recommended 18".

The 10" head is offered with standard feed rate of .0055" and optional feed rates of .0074", .0089", and .0148". Total slide travel is 4". Tool bar diameter is 2 1/4". The maximum cutting diameter recommended is 25".

Complete information and pricing available upon request.

Kwik-Size® head for rough, semifinish, and finish boring with a single tool

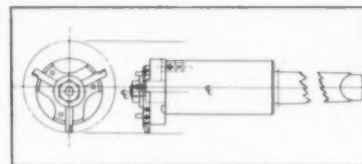


Davis "Kwik-Size" boring heads speed up boring operations and save money by eliminating the need for different tools for roughing, semifinishing, and finishing operations. The indexable head carrying three cutters is mounted on an eccentric arbor. When one tool is in cutting position, the others clear the workpiece. Indexing the desired tool into cutting position is quick and easy.

Standard square flycutters of any type can be used. Morse, NMTB, and quick-change taper shanks, as well as straight shanks for lathe work, are available. A complete

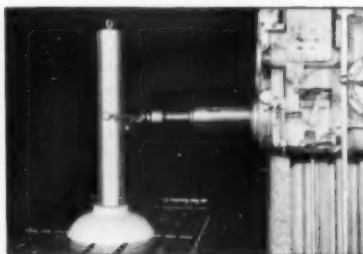
line of heads is available in bore ranges from 2 1/2" to 13 1/4".

Heads are sold singly or in sets with arbors. Ask for bulletin No. D-202.



Illustrating eccentric arbor which permits indexing a single tool into position.

How to simplify machine tool alignments



Precise alignment of all machine components required for close tolerance work is aided by use of the Davis "Tru-Plumb" aligning tool illustrated. The round column permits simultaneous checking of alignment in two planes—particularly desirable in checking vertical col-

umn alignment on horizontal boring machines where a change in the leveling screws in one plane automatically affects the alignment in the other plane.

Accuracy of the Tru-Plumb tool is guaranteed to .0002" per foot of length. 17" diameter base minimizes problems of irregular table surfaces.

Available for immediate delivery. 36"-48"-60" heights—sold complete with case. Ask for new bulletin D-401.

Other Davis Boring Tools

Davis, world's largest manufacturer of boring tools, offers industry a complete line of precision boring tools and accessories, VBM and VTL tooling, tapping heads, and engineered tooling service.

GIDDINGS & LEWIS MACHINE TOOL COMPANY

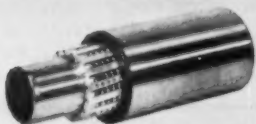
DAVIS DIVISION, Fond du Lac, Wisconsin

Giddings & Lewis manufactures: vertical and horizontal boring machines, vertical turret lathes, planers, planer mills, contour milling machines, die sinking machines, drilling machines, tracer and numerical controls, boring tools and related items, and machine tool accessories.



New Bliss ball bearing die sets shrink hours into minutes in die making and changeover!

Here are seven reasons why...



- Negative clearance means longer die life. No die shifting. Misalignment is eliminated.
- Ball bearing construction speeds assembly and disassembly. Yet installation is conventional. Die builder doesn't work in reverse.
- Smooth even preloading prevents shock... assures alignment of punch and die. Off-set design reduces wear.
- Easy oiling and maintenance. Loosen the set screw, the retainer is out and back in minutes.
- Eliminates downtime caused by seized pins and bushings.
- Standard components — no need to stock or wait for specials.
- Existing sets can be easily and economically converted to Bliss-Dieco ball bearing design.

Mfd. under U. S. Pat. 2,311,815

Note: Bliss-Dieco ball bearing assembly can be stripped from guide post on inclinable or straight side presses.

Bliss' patented ball bearing die set has money and time saving advantages no other die set has—conventional or otherwise. It gives you more burr-free parts between regrinds... fewer rejects.

It's the most revolutionary change in bearing design to hit the die industry in years. Assembly and disassembly are a snap. Die making and tryout time are slashed. No more time lost because of seized pins and bushings.

Pre-loaded ball bearings provide *negative clearance* for perfect die register, even after millions of hits.

What's more, cleaning and lubrication are a matter of minutes with this unique die set: You just loosen the self-locking set screw, drop the bearing retainer, clean it, reposition it and tighten the screw again. Light bearing oil is all that's needed.

In short, with the Bliss ball bearing die set you get maximum die life—"cleaner" parts—fewer die breakdowns. For further information, write E. W. Bliss Company, Die Supply Division, 1400 Brookpark Road, Cleveland, Ohio. We'll be glad to send you an illustrated technical bulletin that will tell you how you can have ball bearing die sets at a surprisingly low cost or how you can convert your existing die sets to the new Bliss-Dieco design.

dieco
DIE SETS

E. W. BLISS COMPANY
DIE SUPPLY DIVISION

Cleveland, Ohio

USE READER SERVICE CARD, CIRCLE 73

NOW HIGH PRECISION FOR EVERY SHOP AREA

with *Cleveland* ROUGHNESS METER

The Roughness Meter was designed to do more than any other surface measurement instrument at a price within the range of any budget.

More VERSATILE—with less equipment you can measure the widest range of surface shapes—outside diameters down to .030"—inside diameters as low as .25".

More ACCURATE—less arguments. Precision calibration and construction exceeds all military and industrial standards.

More VALUE—lower cost. You will save from 35% to 100% over the cost of comparable equipment.

More CONVENIENCE—less confusion. The easiest to operate. Clearly marked controls, skids, adjustable tolerance hands.



with *Cleveland's* TRANSTORIZED INDICATOR **INDI-AC, Jr.**

The INDI-AC, Jr. embodies most of the features of the standard INDI-AC electronic indicator

☆ OPERATES ANYWHERE

Portable — 4½ pounds — 6" x 7" x 3½"
AC and permanent, chargeable battery, operated
Unaffected by shop conditions

☆ USE FOR ANY GAGING PURPOSE

3 scales — thousandths — tenths — millionths
Zeros and readings coincide on all scales
Reversible action gage head. Light Tip Pressure.

☆ NO MAINTENANCE PROBLEM

Exclusive PROTECTOR TIP*
No battery replacement
Long life transistors
No mechanical parts to wear

other CLEVELAND PRECISION INSTRUMENTS

INDI-AC — Ultra-Precision Electronic Height Gage

MICRO-AC — Electronic Micro-Comparator

PAR-AC — Electronic Production Gage

INDI-RON — Ultra-Precision Roundness, Squareness and Concentricity Gage

AU-MAC — Automatic Machine Control and Positioning Systems

Ask for a demonstration
and see why CLEVELAND
Gages give you more.

*Patent Applied For.

Cleveland

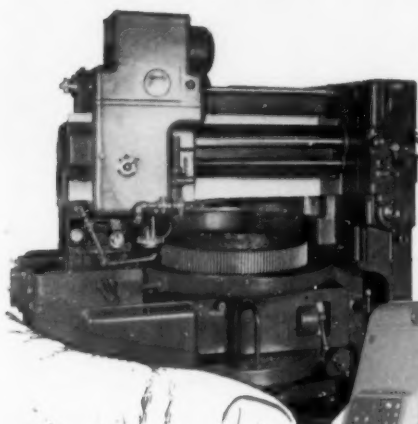
6220 East Schaaf Road

INSTRUMENT COMPANY

Cleveland 31, Ohio

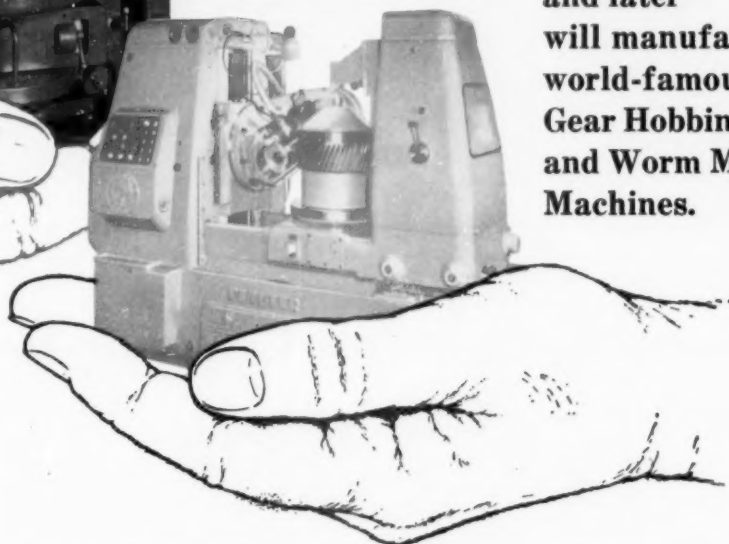
PERFECT COMPLEMENTS

✓ **FELLOWS GEAR SHAPERS!**
✓ **PFAUTER GEAR HOBBERS!**



*Fellows 36-Type
Gear Shaper*

*Pfauter P 400
Gear Hobbing Machine*



Now Fellows sells,
and later
will manufacture, the
world-famous Pfauter
Gear Hobbing Machines
and Worm Milling
Machines.

Fellows Gear Shapers and Pfauter Gear Hobbers provide complete coverage of modern gear production equipment needs. Both operate on the molding-generating principle. The Pfauter Hobbers embody every important advance in hobbing technique, in most cases originated by Pfauter. And Fellows Gear Shapers incorporate every major advance in gear production by the Gear Shaper method originated by Fellows.

Among the many features incorporated in Pfauter Hobbers are the differential for helical gear hobbing, the hydraulic backlash eliminator for efficient climb hobbing, the fully automatic plunge for longitudinal and radial-tangential hobbing and, most recently, exclusive Pfauter

DIAGONAL Hobbing. Capacities of Pfauter machines range from 3" max. P. D., 2¾" max. face width, to 120" max. P. D., 1¼" D. P., and 30" max. face width.

With the addition of the Pfauter line, Fellows provides the most comprehensive service possible in the field of gear production equipment. Your Fellows representative can give you full information about our machines and instruments which cover every phase of gear production.

THE FELLOWS GEAR SHAPER COMPANY
78 River Street, Springfield, Vermont
Branch Offices:

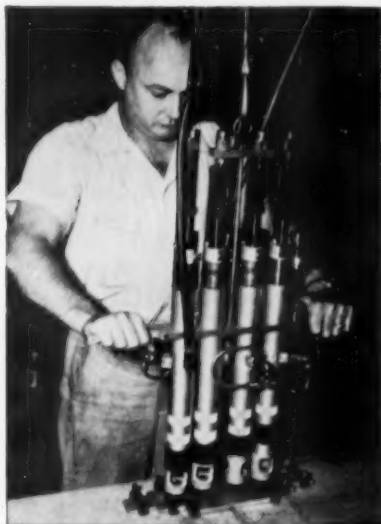
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150 West Pleasant Ave., Maywood, N. J.
5835 West North Avenue, Chicago 39
6214 West Manchester Ave., Los Angeles 45

THE
PRECISION
LINE

Fellows

Gear Production Equipment

COST CUTTING PRODUCTION AIR TOOLS...



"AIRFEEDRILLS"®

For automatic, semi-automatic, portable or stationary drilling.



SCREW DRIVERS

Powerful units for fast, precision screw driving and nut setting.



IMPACT WRENCHES

Powerful air impact wrenches make the tough jobs easy.

choose from the complete Gardner-Denver line



NUT SETTERS

Multiple-spindle units for high-production screw driving or nut setting.



AIR DRILLS

Air drills for drilling, polishing, routing and shaping.

PLUS ...

- Ratchet Wrenches
- Tapping Machines
- Air Hoists
- Air Grinders
- Chippers
- Scalers
- Compression Riveters
- Air Motors
- Air Tool Accessories

FOR COMPLETE INFORMATION

Contact your Gardner-Denver Representative or write for Bulletins.



EQUIPMENT TODAY FOR THE CHALLENGE OF TOMORROW

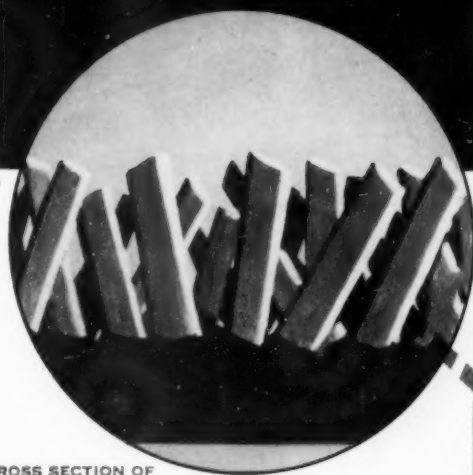
GARDNER - DENVER

Gardner-Denver Company, Quincy, Illinois

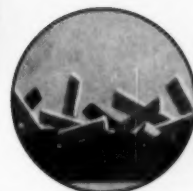
In Canada: Gardner-Denver Company (Canada), Ltd., 14 Curity Avenue, Toronto 16, Ontario

Now! revolutionary longer lasting coated abrasive discs give

150% more biting edges



CROSS SECTION OF
GIANT BRAND®
MAGNE COATED DISC



CROSS SECTION OF
CONVENTIONAL DISC

**PATENTED MAGNECOATING®
IS THE BIG DIFFERENCE ---
WORKS FASTER, LONGER AND
MORE ECONOMICALLY!**

*Patented Process — U. S. Pat. 2857 879
issued October 28, 1958 for
magnetically orienting abrasive particles.

The big difference in abrasive discs is their **bite**. Through Magnecoating magnetized particles are aligned in a vertical position on a precut sturdy fiber disc. The difference in vertical alignment is more particles to the square inch and constantly renewed **biting edges** as the tops of the particles break off.

The Difference:

- **150% MORE CUTTING EDGES**
- **200% LONGER LIFE**
- **2 TO 4 TIMES GREATER PARTICLE DENSITY**
- **ELIMINATION OF EDGE LOSS**

A complete line of Giant Brand® discs is available for standard, general industrial, sheet metal, soft or semi-soft metals, ceramics, glass, wood and other special applications. **Write today for complete details and sample of Giant Brand® coated abrasive disc.**



abrasive company of america

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Business — some authorized territories still open, write immediately

RED **E** CENTERS

Meet Every Need!



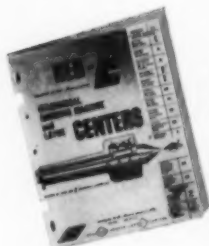
NEW

20 PAGE

RED-E

Catalog CD-58

New items, specs,
engineering data,
prices.



For more than 50 years, RED-E CENTERS have established high production records . . . maintained the machine's built-in accuracy . . . guaranteed micro-finish with positive roundness, solving turning and grinding problems in plants all over the world.

A RED-E standard stock lathe or grinder CENTER may economically solve your centering problem, too. RED-E CENTERS guaranteed micro-finish and absolute roundness within less than fifty millionths (0.000050") T.I.R.

450 SIZES, 20 BASIC DESIGNS TO CHOOSE FROM . . . the right center to do the right job!

UNCONDITIONALLY GUARANTEED

SEE PAGE 287 FOR RED-E REPRESENTATIVES

ASK YOUR
DISTRIBUTOR, OR WRITE

CENTER Specialists Since 1908



READY TOOL COMPANY

158 Garfield Avenue

Stratford, Conn.

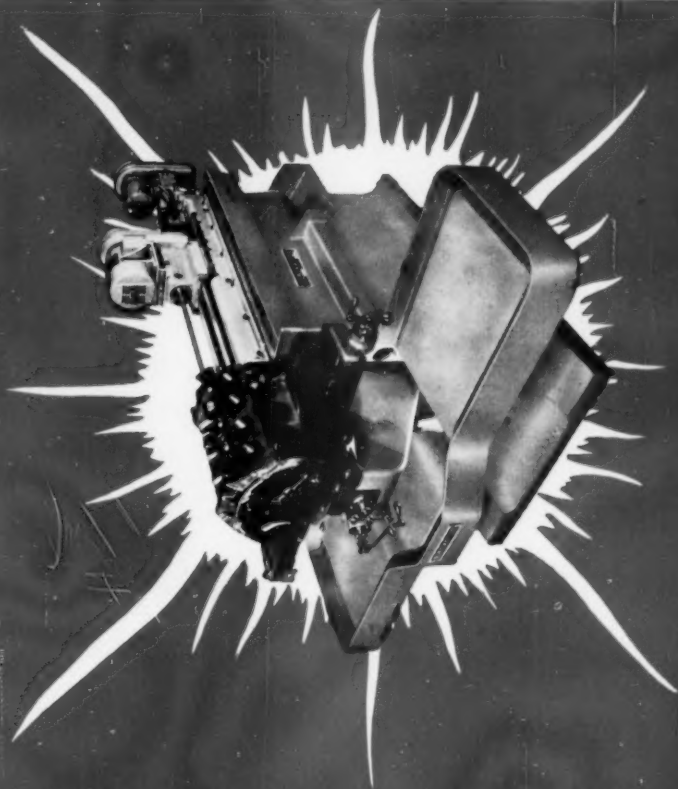


FIRST again... a 2 in 1 machine gets 90% saving

Until now—holes that were considered too costly, or impossible can be Gun-Drilled with Boremation's New Boring machine that has...

JIG BORE CONTROLS

OPTICAL MODEL



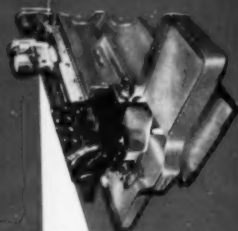
BOREMATION'S Newest Gun-Boring Machine

ELIMINATES

- All secondary drilling operations
- 100% scrap
- 90% of drilling costs
- Extra tooling & fixtures

GUN-DRILL & GUN BORE

"finished holes in 1 pass... from the solid"



... Another FIRST for DRILLMATION CO., Inc.

the BOREMATION "Knee-type" Gun-Drilling Machine

- Hand Dial graduated in thousandths • Infeed 12"
- Optics optional for extra precision • Cross Travel 24"
- Jig-Bore accuracy • Vertical Travel 16"

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see how you save
TIME and MONEY
with duMONT tools

cut a keyway
in one minute for one cent

Minute Man[®]

KEYWAY BROACH KITS



Using an arbor or hydraulic press, you can cut keyways by hand for as little as a penny apiece in just one minute with the Minute Man Keyway Broach Kit. For keyways from 1/16" to 1" in any bore from 1/4" to 3". Individual keyway broaches also available.

save set up time
in holding dial gages

Minute Man[®]

MAGNETIC BASES



Universal joint swivel permits positioning dial indicators on a 180° vertical swing, 360° horizontal swing. Alnico magnet has 50-lb. grip on all four sides.

duMONT

save with standard
broaches from stock

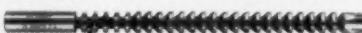
Minute Man[®]



SQUARE BROACHES 1/8" to 3/4" holes



HEXAGON BROACHES 1/8" to 3/4" holes



ROUND BROACHES 1/4" to 1" holes

Used in an arbor or hydraulic press for finishing holes to exact size in *one pass*. Round broaches are provided with burnishing teeth which produce a glassy finish to precision tolerances. Production Type Keyway Broaches also in stock.

duMONT TOOL BITS

**HOLD A KEENER
CUTTING EDGE
LONGER**



An almost perfect balance of wear resistance, toughness and red-hardness gives duMont Tool Bits a definite edge in cutting life, gives you more cuts per bit, more cuts per dollar.

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PRODUCTS

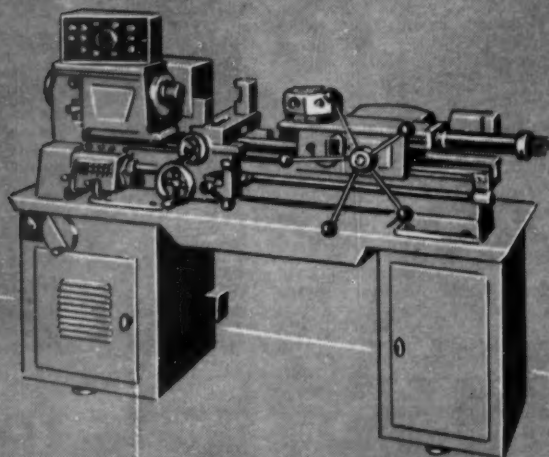
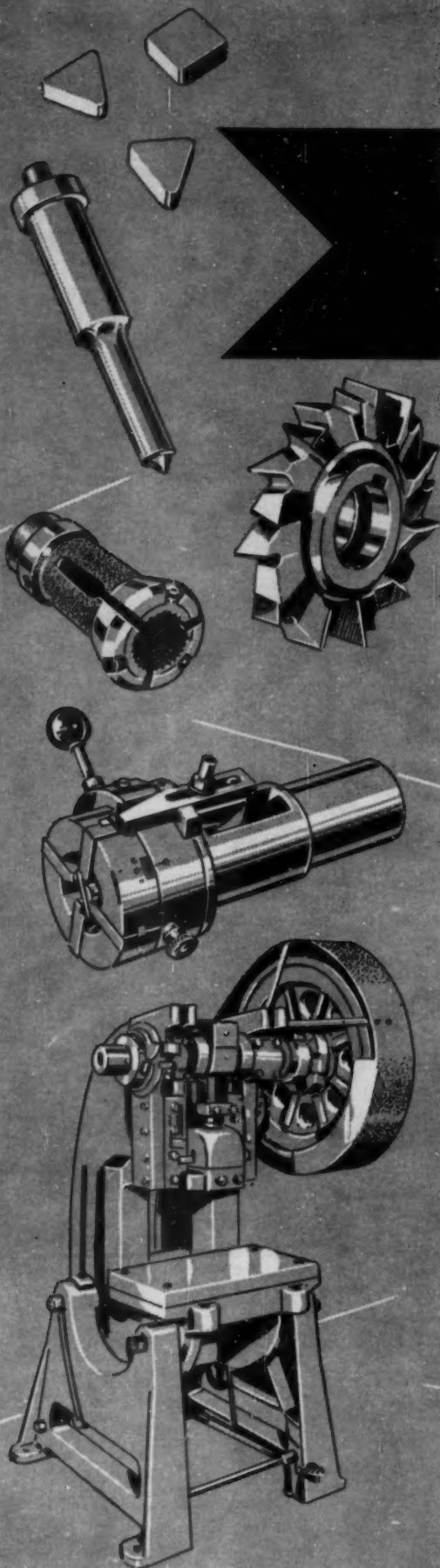
Listings in this section are arranged alphabetically by product—from "Abrasive" to "X-Ray." Cross references have been provided to aid in locating any product heading.

The products listed are regularly available, off-the-shelf items. Services such as machining, engineering, casting, stamping or machine rebuilding are not included.

Listed under each product heading are the manufacturers who make that product. These listings represent the most accurate and up-to-date information available. The information is authoritative because it was contributed by the manufacturers themselves.

The five-digit code number which appears after each heading refers to the numerical code presented on pages 106 to 113 of this issue. This Products Section, in turn, may be used as an alphabetical cross index to the numerical code.

Complete addresses and corporate affiliations of the manufacturers listed are available in the Manufacturers (yellow) Section, beginning on page 229.



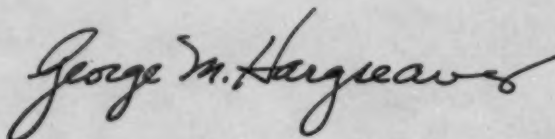
And Now It's Up to You—

As the first annual Suppliers Directory Issue goes to press, those of us who have participated in its preparation feel a deep satisfaction at having established a service which will become invaluable to you and your fellow tool engineers.

The decision to publish this issue was based upon an established need. The value of the directory will depend upon the use to which it is put. We need your help to evaluate this publication in order that future issues may be even better in content and in presentation.

This Products Section contains 1,000 headings, each of which was carefully selected to fit into one of the functional groupings outlined in the numerical coding system presented on pages 106 to 113. Are the product headings sufficiently descriptive? Have any important products been omitted? Could any headings be combined? Only you, the reader, can be the judge of these factors.

After you have used this Directory and have tested it thoroughly, could you let us know what you think of it? By doing so, you will make a real contribution to the success of future Suppliers Directory Issues.



DIRECTORY EDITOR

ABRASIVE CUTOFF MACHINE
(see Cutoff Machines, Abrasive)

ABRASIVE BELTS—46-017

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Skil Corp.
Thor Power Tool Co.
United Mineral & Chemical Corp.
Walker-Turner Div.

ABRASIVE CORD & TAPE—46-019

Mitchell Co., E. C.

ABRASIVE DISKS—46-016

AAA Mfg. Co., Inc.
Abrasive Products, Inc.
Albertson & Co., Inc.
Armour Coated Abrasives Div.
Black & Decker Mfg. Co., The
Behr-Manning Co.
Carborundum Co., The
Clover Manufacturing Co.
Coastal Abrasive and Tool Co., Inc.
DeWalt Div.
Haskins Co., R. G.
International Abrasive Corp.
Martindale Electric Co.
Metal Removal Co., The
Michigan Abrasive Co.
Mid-West Abrasive Co.
Millers Falls Co.
Milwaukee Motive Mfg. Co.
Minnesota Mining & Mfg. Co.
Pekay Abrasives, Inc.
Raybestos-Manhattan, Inc.
Skil Corp.
Thor Power Tool Co.
United Mineral & Chemical Corp.
Walker-Turner Div.

ABRASIVE DRUMS—46-015

AAA Mfg. Co., Inc.
Albertson & Co., Inc.
Coastal Abrasive and Tool Co., Inc.
DeWalt Div.
Ekstrom Carlson & Co.
Foredom Electric Co., Inc.
Hargreaves Industrial
Haskins Co., R. G.
Martindale Electric Co.
Merit Products, Inc.
The Metal Removal Co.
Mooradian Mfg. Co.
Nu-Matic Grinders, Inc.
Pratt & Whitney Co., Inc.
Strand Flexible Shaft, Inc., N. A.
Walker-Turner Div.
Wyzenbeek & Staff, Inc.

ABRASIVE FLAP WHEELS—47-060

Merit Products, Inc.

ABRASIVE PAPER & CLOTH—46-018

AAA Mfg. Co., Inc.
Abrasive Products, Inc.
Armour Coated Abrasives Div.
Bay State Abrasive Products Co.
Behr-Manning Co.
Carborundum Co., The
Clover Manufacturing Co.
Metal Removal Co., The
Michigan Abrasive Co.
Mid-West Abrasive Co.
Minnesota Mining & Mfg. Co.
United Mineral & Chemical Corp.

ABRASIVES, BARREL FINISHING
(see Barrel Finishing)

ABRASIVES, DIAMOND
(see Diamond Abrasives)

ABRASIVES—04-010

Abrasive Dressing Tool Co.
Armour Coated Abrasives Div.

Arolox Corp.
BMT Mfg. Corp.
Barton Mines Corp.
Bay State Abrasive Products Co.
Behr-Manning Co.
Brightboy Industrial Div.
Carborundum Co., The
Chicago Wheel & Mfg. Co.
Clover Mfg. Co.
de Sanno & Son, Inc., A. P.
Detroit Abrasives Co.
Diamond Productions, Inc.
Electro Refractories & Abrasives Corp.
Elgin National Watch Co.
Exolon Co., The
Field Abrasive Mfg. Co., Inc.
Fortune Industries, Inc.
General Abrasive Co., Inc.
Globe Steel Abrasive Co., The
Hamilton Emery & Corundum Co., The
Indiana Copper Corp.
International Abrasive Corp.
K. C. Abrasive Co.
Kuznick Co., The, Paul L.
Lee-Michigan, Inc.
Macklin Co.
Martindale Electric Co.
Merit Products, Inc.
Metal Removal Co., The
Michigan Abrasive Co.
Micromatic Home Corp.
Mid-West Abrasive Co.
Minnesota Mining & Mfg. Co.
National Diamond Laboratory
Norton Co. Abrasive Div.
Pacific Grinding Wheel Co., Inc.
Pangborn Corp.
Pekay Abrasives, Inc.
Penn Scientific Products Co.
Precise Products Corp.
Schaffner Mfg. Co., Inc.
Simmonds Abrasive Co.
Skil Corp.
Super-Cut, Inc.
Tamm Industries Co.
Trinity Tool Co.
United Mineral & Chemical Corp.
Vapor Blast Mfg. Co.
Wheelabrator Corp.

ACCUMULATORS & BOOSTERS—82-121

Miller Fluid Power Div.
Greer Hydraulic, Inc.
Hannifin Co.
Ortman-Miller Machine Co., Inc.
Parker Hydraulics Div.
Petch Mfg. Co.

ACID ETCHING EQUIPMENT—11-141

Advance Products Corp.
Mido Products
Alwin Fr. Wilkens, Inc.

ACTUATORS, HYDRAULIC, ROTARY—82-063

Carter Controls, Inc.
Ex-Cell-O Corp.
Greer Hydraulics, Inc.

ACTUATORS, LINEAR ELECTRIC—81-021

Jordan Co., Inc., The

ACTUATORS, ROTARY ELECTRIC—81-022

Jordan Co., Inc., The

ADAPTERS, TOOLHOLDERS—12-158

A & C Engineering Co.
Aloris Tool Co., Inc.
American Cam Co., Inc.
American Cutter & Engineering Corp.
American Standard Co.
B & W Precision Products Co.
Beaver Tool & Engineering Corp.
Bokum Tool Co., Inc.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bultool Co.
Burklyn Co.
Canton Tool Mfg. Co., The
Chemical Development Corp.
Chicago Tool & Engineering Co.
Cleveland Twist Drill Co., The
Criterion Machine Works
Davis Boring Tool Div.
Delta Power Tool Div., Rockwell Mfg. Co.

DeVlieg Microbore Div.
Economy Tool & Machine Co.
Everede Tool Co.
F & D Tool Co., Inc.
Falcon Tool Co.
Fostoria Pressed Steel Corp., The
Furane Plastics, Inc.
Futurmill, Inc.
General Machine Co., Inc.
Glenzer Co., J. C., The
Goddard & Goddard Co.
Gulton Industries, Inc.
Hawkeye Specialty Co.
Kemp Smith Machine Co.
King-Lindstrom Co.
Lee-Michigan, Inc.
Lehmann-Fulton Boring Tool Co.
M. B. I. Export & Import Ltd.
Marac Machinery Corp.
Marcellus Mfg. Co.
McCrosky Tool Corp.
Metal Cutting Tools, Inc.
Metron Instrument Co.
Montgomery & Co., Inc.
Neise, Karl A.
New Britain Tool & Mfg. Co., Inc.
Productive Tool Services, Inc.
R and L Tools
Scully-Jones & Co.
Selbert & Sons, Inc.
Sheridan Products, Inc.
Somma Tool Co., Inc.
Sopko & Sons Co., Wm.
Thread-All Sales Co.
Thurston Mfg. Co.
Tree Tool & Die Works
Unidapt Co.
Universal Engineering Co.
Weddell Tools, Inc.

ADDITIVES, CUTTING FLUID—04-061

Beltraction Co.
Eli Lilly & Co.
Scientific Lubricants Co.

ADHESIVE BONDING EQUIPMENT
(see Bonding Equipment, Adhesive)

ADHESIVES—04-020

American Sealants Co.
Armstrong Cork Co.
Armstrong Products Co.
Samuel Cabot, Inc.
Chemical Development Corp.
Daubert Chemical Co.
Dow Corning Corp.
du Pont de Nemours & Co., Inc., E. I.
Furane Plastics, Inc.
Houghton Laboratories, Inc.
Lake Chemical Co.
Lee-Michigan, Inc.
Lord Mfg. Co.
Marbette Corp., The
Miller Fluid Power Div.
Minnesota Mining & Mfg. Co.
Okun Co., Inc., A. L.
Reichhold Chemicals, Inc.
Ren Plastics, Inc.
Rezolin, Inc.
Rubber & Asbestos Corp.
Shell Chemical Corp.
Sheridan Products Inc.
United States Rubber Co.

AIR CYLINDERS (see Cylinders, Pneumatic)

AIR-HYDRAULIC COMBINATION DEVICES
(see Combination Air-Hydraulic Devices)

AIR MOTORS (see Motors, Air)

AIR PUMPS (see Compressors)

AIR VALVES (see Valves, Air)

ALLOY TOOL MATERIALS
(see Cast Alloy Tool Materials)

ALLOYS, BEARING—02-110

Aluminum Co. of America
American Smelting & Refining Co.
American Steel & Wire Div., United States Steel
Ampco Metal, Inc.
Baldwin-Lima-Hamilton Corp.
Eddystone Div.
Belmont Smelting & Refining Works, Inc.

PRODUCTS

ALLOYS, BEARING—02-110 (cont.)

Bunting Brass & Bronze Co., The
Bushings, Inc.
Carpenter Steel Co., The
Centrifugally Cast Products Div., The
Shenango Furnace Co.
Chase Brass & Copper Co.
Federal-Mogul Div.
Green River Steel Corp.
Haynes Stellite Co.
Janney Cylinder Co.
Johnson Bronze Co.
Jones & Laughlin Steel Corp.
Latrobe Steel Co.
Mallory & Co., Inc., P. R.
Mueller Brass Co.
Renewal Service, Inc.
Vanadium-Alloys Steel Co.

ALLOYS, BRAZING—02-200

Air Reduction Sales Co.
All State Welding Alloys Co., Inc.
Aluminum Co. of America
American Brass Co., The
Ampco Metal, Inc.
Belmont Smelting & Refining Works, Inc.
Bridgeport Brass Co.
Chase Brass & Copper Co.
Curtiss-Wright Corp.
Eutectic Welding Alloys Corp.
Handy & Harman
Service Diamond Tool Co.
Special Chemicals Corp.
Stainless Processing Div.
Vanadium-Alloys Steel Co.
Vascoloy-Ramet Corp.
Wall Colmonoy Corp.

ALLOYS, LOW MELTING—02-120

American Smelting & Refining Co.
American Steel & Wire Div., United
States Steel
Baldwin-Lima-Hamilton Corp.,
Eddystone Div.
Belmont Smelting & Refining Works, Inc.
Bridgeport Brass Co.
Cerro De Pasco Sales Corp.
Crucible Steel Co. of America
Eutectic Welding Alloys Corp.
Green River Steel Corp.
Heppenstall Co.
Jones & Laughlin Steel Corp.
Wall Colmonoy Corp.

ALLOYS, SPECIAL PURPOSE—01-050

Allegheny Ludlum Steel Corp.
American Carbide Co.
American Smelting & Refining Co.
American Steel & Wire Div., United
States Steel
Ampco Metal, Inc.
Baldwin-Lima-Hamilton Corp.,
Eddystone Div.
Belmont Smelting & Refining Works, Inc.
Beryllium Corp., The
Black Drill Co.
Bridgeport Brass Co.
Brooks & Perkins, Inc.
Brunner & Lay, Inc.
Brush Beryllium Co., The, Pennroid Div.
Carpenter Steel Co., The
Centrifugally Cast Products Div., The
Shenango Furnace Co.
Cerro De Pasco Sales Corp.
Chase Brass & Copper Co.
Colmonoy Div.
Columbia Tool Steel Co.
Cobalt, Inc.
Crucible Steel Co. of America
Elgin National Watch Co.
Eutectic Welding Alloys Corp.
Green River Steel Corp.
Haynes Stellite Co.
Heppenstall Co.
Janney Cylinder Co.
Jesseop Steel Co.
Jones & Laughlin Steel Corp.
Latrobe Steel Co.
Mallory & Co., Inc., P. R.
Peterson Steels, Inc.
Pittsburgh Tool Steel Wire Div.
Sandvik Steel, Inc.
Sharon Steel Corp.
Stainless Processing Div.
United States Steel Corp.
Universal-Cyclops Steel Corp.
Vascoloy-Ramet Corp.

Westinghouse Electric Corp.
Wall Colmonoy Corp.

ALUMINUM—02-010

Aluminum Co. of America
American Smelting & Refining Co.
Baldwin-Lima-Hamilton Corp., Eddystone
Div.
Belmont Smelting & Refining Works, Inc.
Bridgeport Brass Co.
Bunting Brass & Bronze Co., The
Bushings, Inc.
Chase Brass & Copper Co.
General Metals, Inc.
Janney Cylinder Co.
Kaiser Aluminum & Chemical Sales, Inc.
Little Falls Alloys, Inc.
Pioneer Aluminum, Inc.
Red Seal Metals Co.
Renewal Service, Inc.
Revere Copper and Brass, Inc.
Reynolds Metals Co.
Ryerson & Son, Inc., Joseph T.
U.S. Steel Supply Div.

ALUMINUM TOOLING PLATE (see Tooling Plate, Aluminum)

ANALYSIS EQUIPMENT, CHEMICAL (see Chemical Analysis Equipment)

ANGLES, TOOLROOM—63-091

AA Gage Co.
Accurate Surface Plate Co.
Acme Tool Corp.
American Standard Co.
Busch Co., J. C.
Challenge Machinery Co., The
Chicago Tool & Engineering Co.
Ekro Co., The
Inspection Devices Co., Inc.
Lassy Tool Co.
Lawley Granite Surface Plate Co., Inc.
Montgomery & Co., Inc.
Mutual Machine Co., Inc.
Penniman Co., Eliza
Pratt & Whitney Co., Inc.
Rahn Granite Surface Plate Co.
Reid Tool Supply Co.
Smith, F. E.
Stone Co., Herman
Taft-Peirce Mfg. Co., The
Tatra Tool Co.
Universal Vise & Tool Co.

ANODIZING EQUIPMENT—43-010

General Metals, Inc.
Hanson-Van Winkle-Munning Co.
Munning & Munning, Inc.
Nankerys Co., George C.
Stevens, Inc., Frederic B.
Udylite Corp., The

ARBORS & CHUCKS, SPLINE—12-189 Spline-Master Sales Eng. Co.

ARBOR SPACERS (see Spacers, Arbor)

ARBORS, MILLING MACHINE—12-134

Aaron Machinery Co., Inc.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Arrow Tool & Reamer Co.
B. S. A. Tools Ltd.
B & W Precision Products Co.
Barker Engineering Co.
Beaver Tool & Engineering Corp.
Benchmark Mfg. Co.
Brown & Sharpe Mfg. Co., Cutting Tool
Div.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Bultool Co.
Chicago-Latrobe
Chicago Tool & Engineering Co.
Cincinnati Milling Machine Co.
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Davis Boring Tool Div.
DeWitt Equipment Corp.
Detroit Boring Bar Co., The
F & D Tool Co., Inc.
Falcon Tool Co.
Futurmill, Inc.
Greaves Machine Tool Div.
Index Machine Co.

Ingersoll Milling Machine Co.
J & S Tool Co., Inc.
Kearney & Trecker Corp.
Kempnith Machine Co.
Kent-Owens Machine Co.
Knight Machinery Co., W. B.
Lovejoy Tool Co., Inc.
M. B. I. Export & Import Ltd.
Marac Machinery Corp.
Masters Precision Tools Co.
McCroskey Tool Corp.
Mercuria Co.
Montgomery & Co., Inc.
National Tool Co.
Nelco Tool Co., Inc. Subsidiary of
Brown & Sharpe Mfg. Co.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Scully-Jones & Co.
Seewald, Inc.
Stanley Sheppard
Sierra Machine Co.
Southern Machine Tool Co.
Staats & Staats, Inc.
Standard-Modern Tool Co. Ltd.
Turnomat Co., Inc.
U.S. Burke Machine Tool Div.
Unidapt Co.
Universal Engineering Co.
Van Norman Machine Co.
Viking Tool Co., Inc., The
Weddell Tools, Inc.
Wesson Co.

ARC CUTTING EQUIPMENT (see Cutting Equipment, Arc)

ASSEMBLING MACHINES, SPECIAL—58-000

Acme Steel Co.
Bodine Corp., The
Hostitch
Cimco Engineering Co.
Cross Co., The
Feedmatic-Detroit, Inc.
Globe Tapping Machine Co., The
Gray Equipment Co.
Ingersoll-Rand Co.
Inter-Lakes Engineering Co.
Kahle Engineering Co.
Rehnberg-Jacobson Mfg. Co.
Sheffield Corp., The
Swanson-Erie Corp.
Trio Tool Co.
Wilson Automation Co.

AUTOMATICS (see Lathes)

BACK SPOTFACING TOOLS—13-144 Metal Cutting Tools, Inc.

BALANCERS & REELS, TOOL SUSPENSION (see Reels & Balancers, Tool Suspension)

BALANCING MACHINES, DYNAMIC—64-012

Aaron Machinery Co., Inc.
Alomite Div., Stewart Warner Corp.
Annis Co., R. B.
Bear Mfg. Co.
Cosa Corp.
Decker Corp., The
Electronic Dynamic Balancing Co.
Gisholt Machine Co.
International Research & Development
Corp.
Orban Co., Inc., Kurt
Tinius Olsen Testing Machine Co.

BALANCING MACHINES, STATIC—64-011

Aaron Machinery Co., Inc.
Anderson Bros. Mfg. Co.
Annis Co., R. B.
Bear Mfg. Co.
Crown Industrial Products Co.
Gelber & Sons, Inc., S.
Gisholt Machine Co.
Micro-Poise Engineering & Sales Co.
Snyder Corp.
Sundstrand-American Broach
Taylor Dynamometer & Machine Co.
Tinius Olsen Testing Machine Co.

BALLIZING TOOLS—48-032

Acme Broach Corp.
Carr Lane Mfg. Co.
Hi-Precision Grinding, Inc.
Universal Ball Co.

BALLS, TOOLING—63-098

AA Gage Co.
American Cutter & Engineering Corp.
Carr Lane Mfg. Co.
Industrial Tectonics, Inc.
Kenco Mfg. Co.
Tietzmann Tool Corp.
Universal Engineering Co.

BAND SAWS

(see Cutoff Machines, Band Saw)

BARREL FINISHING ABRASIVES, SYNTHETIC 46-023

Abbot Ball Co., The
Almco, Queen Products Div.
Arolox Corp.
Barton Mines Corp.
Carborundum Co., The
Chicago Wheel & Mfg. Co.
Detroit Abrasives Co.
Esbac Barrel Finishing Corp.
Exolon Co., The
Fidelity Machine Tool Inc.
Fortune Industries, Inc.
General Abrasive Co., Inc.
Globe Div., Casalbi Co.
Grav-I-Flo Corp., The
Indiana Copper Corp.
Kramer Co., Inc., H. W.
Lord Chemical Corp.
Macklin Co.
Mecha-Finish Corp.
Metal Finish, Inc.
Metal Parts Sales Co.
Metals Disintegrating Co., Inc.
Mido Products
Mid-West Abrasive Co.
Minnesota Mining & Mfg. Co.
Munzing & Munzing, Inc.
Norton Co. Abrasive Div.
Oakite Products, Inc.
Roto-Finish Co.
Schaffner Mfg. Co., Inc.
Speed-D-Burr Corp.
Stevens, Inc., Frederic B.
Tanna Industries Co.
Techline Div.
Tumb-L-Matic, Inc.

BARREL FINISHING MACHINES

Aaron Machinery Co., Inc.
Almco, Queen Products Div.
BMT Mfg. Corp.
Baird Machine Co., The
Carborundum Co., The
Chicago Wheel & Mfg. Co.
Elliott Mfg. Co., Inc., B. W.
Esbac Barrel Finishing Corp.
Fidelity Machine Tool Inc.
Globe Division - Casalbi Co.
Grav-I-Flo Corp., The
Kramer Co., Inc., H. W.
Lord Chemical Corp.
Mecha-Finish Corp.
Metal Finish, Inc.
Metal Parts Sales Co.
Mido Products
Mott Sand Blast Mfg. Co.
Munzing & Munzing, Inc.
Rampe Mfg. Co.
Roto-Finish Co.
Speed-D-Burr Corp.
Stevens, Inc., Frederic B.
Techline Div.
Tumb-L-Matic, Inc.
Vapor Blast Mfg. Co.

BASES & WAYS, MACHINE—83-080

Agnew Machine Co.
Baldwin-Lima-Hamilton Corp., Eddystone Div.
Black Rock Mfg. Co., The
Brush Machine Tool Co.
Century Detroit
Challenge Machinery Co., The
Clearing Div. of U. S. Industries
Cleveland Hobbing & Machine Co.
Composite Forgings, Inc.
Cross Co., The
Detroit Flame Hardening Co.
Drillimation Co., Inc.
Epsen-Lucas Machine Works
Erinac Equipment Corp.
Federal Machine & Welder Co., The
Ferguson Machine Corp. of Indiana
Furane Plastics, Inc.

General Metals, Inc.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Hartford Special Machinery Co.
Hause Machine, Inc.
Inter-Lakes Engineering Co.
Jones & Lamson Machine Co.
Kaukauna Div.
Kenhoc Corp., Div. George H. Kendall, Mech. Engrs. & Cons.
Kirk & Blum Mfg. Co., The
Korfund Co., Inc., The
Lake Shore, Inc.
Lamb Co., F. Jos.
Littleford Bros., Inc.
Love Brothers Pyott Foundry & Machine Co.
Mahon Co., R. C., The
McKay Machine Company, The
Michigan Drill Head Co.
Northfield Foundry & Machine Co.
Ohio Knife Co., The
Onsrud Machine Works, Inc.
Payne Tool and Engineering Co., The
Royal Oak Tool & Mach. Co., Grinder Div.
Standard-Modern Tool Co., Ltd.
Swanson-Erie Corp.
Thompson Mfg. Co., Earl A.
Veet Industries
Wapakoneta Machine Co., The

BEADING TOOLS—23-056

Accord Tool & Machine, Inc.
Holmberg & Co., Inc., August W.
Hossfeld Manufacturing Co.
Ingersoll-Rand Co.
Kahle Engineering Co.
Leonard Precision Products Co.
Madison-Faessler Tool Co.
Niagara Machine & Tool Works
Vail Engineering Co., The

BEARING ALLOYS (see Alloys, Bearing)

BEARINGIZING TOOLS—48-033

Cogdill Tool Products, Inc.
Hole Engineering Service
Madison-Faessler Tool Co.
Madison Industries, Inc.
S & E Machine Products, Inc.

BEARINGS, ANTIFRICTION—83-073

AA Gage Co.
Aetna Ball & Roller Bearing Co.
Barden Corp., The
Briney Mfg. Co.
Chain Belt Co.
Corlett-Turner Co.
Die Supply Div., E. W. Bliss Co.
Dodge Mfg. Corp.
Fafnir Bearing Co., The
Federal Bearings Co., Inc., The
Giustina Corp. of America, The
Gwilliam Co., The
Hyatt Bearings Div.
Industrial Tectonics, Inc.
L & S Bearing Co.
Link-Belt Co.
Lipe-Rollway Corp.
Marlin-Rockwell Corp.
McGill Mfg. Co., Inc.
Mooradian Mfg. Co.
New Departure Div., General Motors Corp.
Nice Ball Bearing Co.
Norma-Hoffmann Bearings Corp.
Orange Roller Bearing Co., Inc.
Polymer Corp., The
Roller Bearing Co. of America
Royersford Foundry & Machine Co., Inc.
S K F Industries, Inc.
Thomson Industries, Inc.
Torrington Co., The
Tyson Bearing Co.

BEARINGS, LINEAR, ANTIFRICTION—83-075

Briney Mfg. Co.
Thomson Industries, Inc.

BEARINGS, NYLON—83-076

Ryerson & Son, Inc., Joseph T.
Thomson Industries, Inc.

BEARINGS, PLAIN, MOUNTED—83-071

AA Gage Co.

Arguto Oilless Bearing Co.
Bond Co., Charles
Boston Gear Works
Bushings, Inc.
Chain Belt Co.
Chicago Die Casting Mfg. Co.
Giustina Corp. of America, The
Heim Co., The
Lamina Dies & Tools, Inc.
Link-Belt Co.
Lipe-Rollway Corp.
Mooradian Mfg. Co.
Renewal Service, Inc.

BEARINGS, PLAIN, UNMOUNTED—83-072

AA Gage Co.
Aetna Ball & Roller Bearing Co.
American Crucible Products Co., The
Amplex Div., Chrysler Corp.
Arguto Oilless Bearing Co.
Black Drill Co.
Bound Brook Oil-Less Bearing Co.
Bunting Brass & Bronze Co., The
Bushings, Inc.
Eaton Mfg. Co.
Federal-Mogul Div.
Giustina Corp. of America, The
Heim Co., The
Johnson Bronze Co.
Lamina Dies & Tools, Inc.
Link-Belt Co.
Micromatic Home Corp.
Moccasin Bushing Co.
Pic Design Corp.
Renewal Service, Inc.
Royersford Foundry & Machine Co., Inc.
Thomson Industries, Inc.

BEARINGS, SELF-LUBRICATING—83-074

Amplex Div.
Bunting Brass & Bronze Co., The
Bushings, Inc.
Micromatic Hone Corp.
Renewal Service, Inc.

BENDING BRAKES (see Brakes, Bending)

BENDING MACHINES, MANUAL—21-054

Henry Valve Co.
Lewthwaite Machine Co., Inc., T. H.

BENDING MACHINES, RAM TYPE—21-053

Aaron Machinery Co., Inc.
American Pipe Bending Machine Co., Inc.
Bentley Industrial Corp.
Blackhawk Mfg. Co.
Diamond Machine Tool Corp.
Elmes Engineering Div., American Steel Foundries
Girard Associates
Hill, Inc., Walter P.
O'Neill-Irwin Mfg. Co.
Peck, Stow & Wilcox Co., The
Pedrick Tool & Machine Co., Inc.
Richards Co., J. A.
Ryerson & Son, Inc., Joseph T.
Standard-Modern Tool Co. Ltd.
Taylor-Winfield Corp.
Wallace Supplies Mfg. Co.
Whitney Mfg. Co., W. A.
Wood Co., R. D.

BENDING MACHINES, ROLL TYPE—21-051

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Baldwin-Lima-Hamilton Corp., Eddystone Div.
Berkroy Products Co.
Buffalo Forge Co.
Curvit Corp.
Excelsior Tool & Machine Co.
Farnham Div., The Wiesner-Rapp Co., Inc.
Fidelity Machine Tool Co.
Girard Associates
Hendley & Whittemore Co.
Hill, Inc., Walter P.
Kane & Roach, Inc.
Kling Bros. Engineering Works
Lund Mfg. Co.
Maplewood Machinery Co., Inc.
McKay Machine Co., The
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Peck, Stow & Wilcox Co., The

PRODUCTS

BENDING MACHINES, ROLL TYPE (cont.)

Ryerson & Son, Inc., Joseph T.
San Angelo Foundry & Machine Co.
Spittler, Inc., Henry A.
Taylor-Winfield Corp.
Tiahken Products Co.
Wallace Supplies Mfg. Co.
Webb Corp., The
Wysong and Miles Co.

BENDING MACHINES, ROTARY HEAD—21-052

Aaron Machinery Co., Inc.
American Pipe Bending Machine Co.,
Inc.
Carney-Stansfield Co.
Curvit Corp.
Hill, Inc., Walter P.
Kahle Engineering Co.
Kling Bros. Engineering Works
Leonard Precision Products Co.
Niagara Machine & Tool Works
O'Neill-Irwin Mfg., Co.
Peck, Stow & Wilcox Co., The
Pedrick Tool & Machine Co., Inc.
Pines Engineering Co., Inc.
Richards Co., J. A.
Ryerson & Son, Inc., Joseph T.
Taylor-Winfield Corp.
Wallace Supplies Mfg. Co.

BENDING TOOLS—23-055

Accord Tool & Machine, Inc.
Acorn Iron & Supply Co.
American Cutter & Engineering Corp.
Blackhawk Mfg. Co.
Continental Machine Co.
Henry Valve Co.
Holmberg & Co., Inc., August W.
Leonard Precision Products Co.
Lewthwaite Machinery Co., Inc., T. H.
O'Neill-Irwin Mfg. Co.
Parker Fittings & Hose Div.
Pines Engineering Co., Inc.
Taylor-Winfield Corp.
Vanco Machine & Tool, Inc.
Wallace Supplies Mfg. Co.
Whitney Metal Tool Co.

BITS, SCREW DRIVER—57-032

Armstrong Bros. Tool Co.
Aro Equipment Corp., The
Arrow Tool & Reamer Co.
Continental Screw Co.
Hy-Pro Tool Co.
Magna Driver Corp.
Millers Falls Co.
Snap-on Tools Corp.
Stevens Walden, Inc.
Thor Power Tool Co.

BITS, SOLID CARBIDE—13-103

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Carbide Co.
American Cutter & Engineering Corp.
Bernell Tool Co., Inc.
Besly-Welles Corp.
Carbide Tools, Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DeVlieg Microbore Div.
DoAll Co., The
Evarada Tool Co.
Evered Tool Co.
Ex-Cell-O Corp.
Firth Sterling, Inc.
Gorham Tool Co.
Heald Machine Co., The
Kennametal, Inc.
King-Lindstrom Co.
Lund Mfg. Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Maynor Tool & Cutter Co., Inc.
Metal Carbides Corp.
Metallurgical Products Dept.
Meyers Co., W. F.
Modco Tools Div. of the Valeron Corp.
Newarkville Machine & Tool Co.
Newcomer Products, Inc.
Niagara Cutter Div.
R. B. Tool Co., Inc.
R and L Tools
S & E Machine Products, Inc.
Sandvik Steel, Inc.
Somma Tool Co., Inc.

Super Tool Co., Div. of Van Norman Ind.
U. S. Carbide Tool, Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Weddell Tools, Inc.
Wendt-Sonits Co.
Wesson Co.
Willey's Carbide Tool Co.

BITS, TOOL STEEL—13-102

Allegheny Ludlum Steel Corp.
American Cam Co., Inc.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
B & W Precision Products Co.
Baj Tool Co., The
Besly-Welles Corp.
Bokum Tool Co., Inc.
Braeburn Alloy Steel Corp.
Brubaker Tool Corp.
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Crafts Co., Inc., Arthur A.
Crucible Steel Co. of America
Dayton Carbide Tool Co., Inc.
DeVlieg Microbore Div.
DoAll Co., The
Dow Mechanical Corp., The
du Mont Corp., The
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Heald Machine Co., The
Illinois Tool Works
King-Lindstrom Co.
Lund Mfg. Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Marcellus Mfg. Co.
Masterform Tool Co.
Medio Co., The
Milne & Co., Inc., A.
Niagara Cutter Div.
Payne Tool and Engineering Co., The
Plew Tool Corp.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
R and L Tools
Spiral Step Tool Co.
Uddeholm Co. of America, Inc.
Vanadium-Alloys Steel Co.
Weddell Tools, Inc.
Whitman & Barnes

BLADES, CUTOFF—13-101

Alco Tool Co., The
Aloris Tool Co., Inc.
American Cam Co., Inc.
American Cutter & Engineering Corp.
Armstrong Bros. Tool Co.
Austin Tool Co., Inc.
Bardons & Oliver, Inc.
Bernell Tool Co., Inc.
Besly-Welles Corp.
Bokum Tool Co., Inc.
Braeburn Alloy Steel Corp.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Brubaker Tool Corp.
Carbide Tools, Inc.
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Crafts Co., Inc., Arthur A.
Crobalt, Inc.
Crucible Steel Company of America
Dayton Carbide Tool Co., Inc.
Detterbeck Co., George L.
DoAll Co., The
Empire Tool Co.
F & D Tool Co., Inc.
Firth Sterling, Inc.
General Machine Co., Inc.
Gorham Tool Co.
Haynes Stellite Co.
Heald Machine Co., The
Kennametal, Inc.
King-Lindstrom Co.
Lund Mfg. Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Malcus Tools Corp.
Marcellus Mfg. Co.
Masterform Tool Co.
Meyers Co., W. F.
Morae Twist Drill & Machine Co.
Newarkville Machine & Tool Co.

Newcomer Products, Inc.
Niagara Cutter Div.
Novi Tool & Machine Co.
O. K. Tool Co., Inc., The
Pipe Machinery Co., The
Plew Tool Corp.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
R and L Tools
Sandvik Steel, Inc.
Somma Tool Co., Inc.
Spiral Step Tool Co.
U. S. Carbide Tool, Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Wendt-Sonits Co.
Wesson Co.
Willey's Carbide Tool Co.
Williams & Co., J. H.

BLADES, WORK REST (see Work Rest Blades)

BLADES, SAW, BAND—13-091

American Saw & Mfg. Co.
Armstrong-Blum Mfg. Co.
Atkins Saw Div. Borg Warner Corp.
Atlantic Saw Mfg. Co., Inc.
Barnes Co., Inc., W. O.
Capewell Mfg. Co., The
Clemson Bros., Inc.
Delta Power Tool Div., Rockwell
Mfg. Co.
Diamond Saw Works, Inc.
Diston Div., H. K. Porter Co., Inc.
DoAll Co., The
Heinemann Saw Corp.
Heller Tool Co.
Hoe & Co., Inc., R.
Industrial Tool Service
Kling Bros. Engineering Works
Malcus Tools Corp.
Millers Falls Co.
Nicholson File Co.
Ryerson & Son, Inc., Joseph T.
Simonds Saw & Steel Co.
Starrett Co., L. S., The
Thompson & Son Co., Henry G., The
Victor Saw Works, Inc.
Walker-Turner Div.
Wells Mfg. Corp.

BLADES, SAW, CARBIDE-TIPPED—13-094

Atkins Saw Div. Borg Warner Corp.
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co. Cutting
Tool Div.
Carbide Tools, Inc.
Circular Tool Co., Inc.
Arthur A. Crafts Co., Inc.
Dayton Carbide Tool Co., Inc.
Delta Power Tool Div., Rockwell
Mfg. Co.
Deluxe Saw & Tool Co.
Deluxe Service Tool Corp.
DeWalt Div.
Diamond Productions, Inc.
Diston Div., H. K. Porter Co., Inc.
DoAll Co., The
Epsen-Lucas Machine Works
Forrest Mfg. Co., Inc.
Gay-Lee Co.
Goddard & Goddard Co.
Gorham Tool Co.
Heinemann Saw Corp.
Hoe & Co., Inc., R.
International Abrasive Corp.
Lemmon and Snoap Co.
Madison-Relco Tool Co.
Meyers Co., W. F.
Millers Falls Co.
Motch & Merryweather Machinery
Co., The
National Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
North American Products Corp.
Porter-Cable Machine Co.
Productive Tool Service, Inc.
Simonds Saw & Steel Co.
Skil Corp.
Starlite Industries, Inc.
Stone Machinery Co., Inc.
Thurston Mfg. Co.
U. S. Carbide Tool, Inc.
Victory Carbide Saw & Tool Co., Inc.

BLADES, SAW, CIRCULAR—13-092

Albertson & Co., Inc.
American Cutter & Engineering Corp.
Atkins Saw Div., Borg Warner Corp.
Black & Decker Mfg. Co., The
Circular Tool Co., Inc.
Coastal Abrasive and Tool Co., Inc.
Curtis Mfg. Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Deluxe Saw & Tool Co.
DeWalt Div.
Diston Div., H. K. Porter Co., Inc.
Epsen-Lucas Machine Works
Gay-Lee Co.
George Machinery Co., James W.
Goddard & Goddard Co.
Gorham Tool Co.
Heinemann Saw Corp.
Hoe & Co., Inc., R.
Illinois Tool Works
Klingelhof Machine Tool Corp., Albert
Madison-Reico Tool Co.
Marac Machinery Corp.
Martindale Electric Co.
Millers Falls Co.
Motch & Merryweather Machinery Co., The
National Tool Co.
Porter-Cable Machine Co.
Price & Rutzebeck
Quality Tool Works, Inc.
Reltool Corp.
Seewald, Inc.
Simonds Saw & Steel Co.
Skill Corp.
Stone Machinery Co., Inc.
Thor Power Tool Co.
Thurston Mfg. Co.

BLADES, SAW, DIAMOND-TIPPED—13-095

Abrasive Dressing Tool Co.
American Coldset Corp.
American Diamond Tool Corp.
Bay State Abrasive Products Co.
Carborundum Co., The
Clipper Diamond Tool Co., Inc.
Consolidated Diamond Tool Corp.
Crafts Co., Inc., Arthur A.
Delta Diamond Wheel Corp.
Diamond Tool Co., A. I. T.
Diamond Productions, Inc.
Di-Tru Diamond Tool Co.
DoAll Co., The
Elgin National Watch Co.
Fish-Schurman Corp.
General Industrial Diamond Co., Inc.
Gilmore & Co., Inc., F. F.
Harmon Machine Co., Inc.
International Abrasive Corp.
Kuzmick Co., Paul L. The
Meyers Co., W. F.
Neuber Industrial Diamond Co.
Nicholson File Co.
Parsons Diamond Products, Inc.
Precise Products Corp.
Skill Corp.
Smit & Co., Inc., Anton
Smit & Sons, Inc., J. K.
Starlite Industries, Inc.
Stone Machinery Co., Inc.
Super-Cut, Inc.
Ty-Sa-Man Machine Co.
Victor Engineering Corp.
Wickman Mfg. Co.

BLADES, SAW, FRICTION—13-096

Albertson & Co., Inc.
Atkins Saw Div., Borg Warner Corp.
Atlantic Saw Mfg. Co., Inc.
Barnes Co., Inc., W. O.
Diamond Saw Works, Inc.
Diston Div., H. K. Porter Co., Inc.
DoAll Co., The
Heinemann Saw Corp.
Motch & Merryweather Machinery Co., The
Ryerson & Son, Inc., Joseph T.
Simonds Saw & Steel Co.
Skill Corp.
Starrett Co., L. S., The
Thompson & Son Co., Henry G., The
Thor Power Tool Co.
Ty-Sa-Man Machine Co.

BLADES, SAW, HACK—13-097

American Saw & Mfg. Co.
Armstrong-Blum Mfg. Co.

Atkins Saw Div., Borg Warner Corp.
B. S. A. Tools Ltd.
Barnes Co., Inc., W. O.
Capewell Mfg. Co., The
Clemson Bros., Inc.
Diamond Saw Works, Inc.
Diston Div., H. K. Porter Co., Inc.
DoAll Co., The
Heinemann Saw Corp.
Heller Tool Co.
Hoe & Co., Inc., R.
Hunter Tools
Industrial Tool Service
Malcus Tools Corp.
Millers Falls Co.
Mohawk File & Tool Co.
Penniman Co., Elisha
Proto Tool Co.
Ryerson & Son, Inc., Joseph T.
Sandvik Steel, Inc.
Simonds Saw & Steel Co.
Starrett Co., L. S., The
Thompson & Son Co., Henry G., The
Time Saver Tools, Inc.
Victor Saw Works, Inc.
Wachs Co., E. H., The

BLADES, SAW, SEGMENTED—13-093

Atkins Saw Div., Borg Warner Corp.
Consolidated Diamond Tool Corp.
Diston Div., H. K. Porter Co., Inc.
Epsen-Lucas Machine Works
George Machinery Co., James W.
Klingelhof Machine Tool Corp., Albert
Marac Machinery Corp.
Motch & Merryweather Machinery Co., The
Seewald, Inc.
Simonds Saw & Steel Co.
Super-Cut, Inc.

BLADES, SHEAR—23-150

Atkins Saw Div., Borg Warner Corp.
Beverly Shear Mfg. Co.
Black & Decker Mfg. Co., The
Braeburn Alloy Steel Corp.
Buffalo Forge Co.
Cleveland Punch & Shear Works Co., The
Hendley & Whitemore Co.
Heppenstall Co.
Hill Acme Co., The
Illinois Tool Works
Kling Bros. Engineering Works
Lewthwaite Machine Co., Inc., T. H.
Metal Carbides Corp.
Meyers Co., W. F.
Niagara Machine & Tool Works
Ohio Knife Co., The
Peck, Stow & Wilcox Co., The
Ryerson & Son, Inc., Joseph T.
Simonds Saw & Steel Co.
Skill Corp.
Staats & Staats, Inc.
Thor Power Tool Co.
U. S. Carbide Tool, Inc.
Universal-Cyclops Steel Corp.
Vamco Machine & Tool, Inc.
Wapakoneta Machine Co., The

BLADES, SLITTING—13-098

F & D Tool Co., Inc.
Hy-Pro Tool Co.

BLANKS, DRILL & REAMER—13-126

Ace Drill Co.
Hayden Twist Drill Co.
Hutchinson Co., William T.
New York Twist Drill Co., Inc.

BLANKS, FORM TOOL, CIRCULAR—13-127

American Cam Co., Inc.

BLANKS, TOOL STEEL—13-125

Allegheny Ludlum Steel Corp.
American Cutter & Engineering Corp.
Bethlehem Steel Co.
Braeburn Alloy Steel Corp.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Columbia Tool Steel Co.
Crucible Steel Co. of America
Dayton Carbide Tool Co., Inc.
Huron Machine Products, Inc.
Jessop Steel Co.
Milne & Co., Inc., A.
Payne Tool and Engineering Co., The

Plew Tool Corp.
Somma Tool Co., Inc.
Vanadium-Alloys Steel Co.

BLAST FINISHING ABRASIVES—46-032

Arolox Corp.
Carborundum Co., The
Detroit Abrasives Co.
Electro Refractories & Abrasives Corp.
Fidelity Machine Tool Inc.
Fortune Industries, Inc.
General Abrasive Co., Inc.
Globe Steel Abrasive Co., The
K. C. Abrasive Co.
Macklin Co.
Metal Parts Sales Co.
Mido Products
Norton Co. Abrasive Div.
Pangborn Corp.
Tamm Industries Co.
Trinity Tool Co.
Vapor Blast Mfg. Co.
Wheelabrator Corp.

BLAST FINISHING MACHINES—46-031

Brennen, Buccell & Weber, Inc.
Fidelity Machine Tool Inc.
Leiman Bros., Inc.
Metal Parts Sales Co.
Mott Sand Blast Mfg. Co.
Pangborn Corp.
Ruemelin Mfg. Co.
Sanstorm Mfg. Co.
Techline Div.
Trinity Tool Co.
Vapor Blast Mfg. Co.
Vau-Blast Co., Inc.
Wheelabrator Corp.

BLAST FINISHING SHOT—46-034

Indiana Copper Corp.
Metal Parts Sales Co.
Pangborn Corp.
Tamm Industries Co.
Wheelabrator Corp.

BLOWERS—41-073

Mahr Mfg. Co.
Standard Electric Mfg. Co., Inc.

BOLSTER PLATES (see Plates, Bolster)

BOLTS—91-012

Active Screw & Mfg. Co.
Aluminum Co. of America
American Screw Co.
Auburn Machine Co.
Bethlehem Steel Co.
Boyd-Wagner Co.
Bultool Co.
Campbell Contour Attachment Co., Inc.
Chase Brass & Copper Co.
Cleveland Cap Screw Co., The
Crayton Co., F. M.
Danly Machine Specialties, Inc.
Diamond Expansion Bolt Co., Inc.
Eaton Mfg. Co. Reliance Div.
Ferry Screw Products, Inc., E. W., The
Froom and Co., R. H.
Heppenstall Co.
Hi-Lo Products Co.
Hi-Shear Rivet Tool Co.
Jergens Tool Specialty Co.
Lamson & Sessions Co., The
Mac-it Parts Co.
Monroe Engineering Products, Inc.
Morton Machine Works
National Machine Products Co.
National Screw & Mfg. Co., The
Northwestern Tools, Inc.
Nylok Corp., The
O. K. Tool Co., Inc., The
Ottemiller Co., Wm. H., The
Pawtucket Mfg. Co.
Pheoll Mfg. Co.
Precision Nut Co.
R and L Tools
Reid Tool Supply Co.
Republic Steel Corp.
Rosan, Inc.
Russell, Burdall & Ward Bolt & Nut Co.
Standard Screw Co.
Standard Pressed Steel Co.
Standard Shop Equipment Co.
Tietzmann Tool Corp.
Torrington Co., The
Vayar-Schultz Corp.

PRODUCTS

BOLTS—91-012 (cont.)

Wapakoneta Machine Co., The
Westfield Metal Products Co., Inc.
West Point Mfg. Co.

BONDING ACCESSORIES, ADHESIVE—54-020

Armstrong Products Co.
Chemical Development Corp.
Furane Plastics, Inc.
International Abrasive Corp.
Minnesota Mining & Mfg. Co.
Modern Industrial Engineering Co.
Rezolin, Inc.
Union Carbide Plastics Co.

BONDING EQUIPMENT, ADHESIVE—54-010

Berthelsen Engrg. Works, Inc.
Cabot, Inc., Samuel
Clearing Div. of U. S. Industries
Distel Tool & Machine Co.
Fostoria Pressed Steel Corp., The
Mitchell Specialty Div.
Modern Industrial Engineering Co.

BOOSTERS & ACCUMULATORS

(see Accumulators & Boosters)

BORING BARS—12-152

Acme Tool Corp.
Aloris Tool Co., Inc.
American Cutter & Engineering Corp.
American Heller Corp.
Apex Tool & Cutter Co., Inc., The
Armstrong Bros. Tool Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Baillard Co., The
Beaver Tool & Engineering Corp.
Behr Machinery & Equipment Corp.
Bokum Tool Co., Inc.
Briney Mfg. Co.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Bultool Co.
Campbell Contour Attachment Co., Inc.
Carbide Tools, Inc.
Chicago Tool & Engineering Co.
Clark Co., Robert H.
Coffey-Cummins Mfg. Co.
Comet Tool Co.
Crafts Co., Inc., Arthur A.
Craley & Son, A. B.
Craley Mfg. Co., C. C.
Criterion Machine Works
Davis Boring Tool Div.
Detroit Boring Bar Co., The
DeVlieg Microbore Div.
Dexco Corp. - Raymae Div.
Dunham Tool Co., Inc., The
Erickson Tool Co.
Evarada Tool Co.
Everede Tool Co.
Falcon Tool Co.
Flynn Mfg. Co.
Freyman & Sons, Inc., J. E.
Fry Tool Mfg. Co.
Gairing Tool Co.
Globe Tools
Gorham Tool Co.
Heald Machine Co., The
Ingersoll Milling Machine Co.
J & S Tool Co., Inc.
Jaquith Carbide Div.
Jarvis Corp.
Jones & Lamson Machine Co.
K. D. K. Products
Kennametal, Inc.
King-Lindstrom Co.
Last Ward Sales Co.
Lehmann-Fulton Boring Tool Co.
Lovejoy Tool Co., Inc.
M. B. I. Export & Import Ltd.
Madison Industries, Inc.
Madison-Relco Tool Co.
Madison Tool & Supply Co.
Masterform Tool Co.
McCrosky Tool Corp.
Metallurgical Products Dept., General
Electric Co.
Mico Instrument Co.
Middletown Machine Co., The
Modco Tools Div. of the Valeron Corp.
Modern Mfg. Co., Inc.
Muskegon Tool Industries, Inc.

National Diamond Laboratory
National Tool Company
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Novi Tool & Machine Co.
Olofsson Corp., The
Payne Tool and Engineering Co., The
Pipe Machinery Co., The
Portage Tool Co., The
Pratt & Whitney Co., Inc.
Productive Tool Service Co.
R. B. Tool Co., Inc.
Scharmann Machine Corp.
Scully-Jones & Co.
Simplex Machine Tool Corp.
Technix Co.
Tree Tool & Die Works
U. S. Carbide Tool, Inc.
Universal Engineering Co.
Vee Bee Mfg. Co.
Viking Tool Co., Inc., The
Vilter Co., E. F.
Warner & Swasey Co.
Waukesha Cutting Tools, Inc.
Weddell Tools, Inc.
Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.
Williams & Co., J. H.
Woodruff & Stokes Co., Inc.

BORING CUTTERS, BLOCK TYPE—13-016

Davis Boring Tool Div.
Muskegon Tool Industries, Inc.

BORING CUTTERS, CARBIDE, INSERTED BIT—13-013

Adamas Carbide Corp.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Beaver Tool & Engineering Corp.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brunner & Lay, Inc.
Carbide Tools, Inc.
Chicago Tool & Engineering Co.
Comet Tool Co.
Crafts Co., Inc., Arthur A.
Criterion Machine Works
Davis Boring Tool Div.
Dayton Carbide Tool Co., Inc.
Detroit Boring Bar Co., The
DeVlieg Microbore Div.
Evarada Tool Co.
Falcon Tool Co.
Firth Sterling, Inc.
Gairing Tool Co.
Gorham Tool Co.
Heald Machine Co., The
Ingersoll Milling Machine Co.
Jaquith Carbide Div., Pratt & Whitney
Co., Inc.
Kennametal, Inc.
King-Lindstrom Co.
Lehmann-Fulton Boring Tool Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Maynor Tool & Cutter Co., Inc.
McCrosky Tool Corp.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Myers Co., W. F.
Morse Twist Drill & Machine Co.
Muskegon Tool Industries, Inc.
National Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Newcomer Products, Inc.
Niagara Cutter Div.
Pratt & Whitney Co., Inc.
Price & Rulgebeck
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
Schmitt Co., R. L.
Scully-Jones & Co.
Time Saver Tools, Inc.
U. S. Carbide Tool, Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Vee Bee Mfg. Co.
Viking Tool Co., Inc., The
Vilter Co., E. F.
Weddell Tools, Inc.
Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

BORING CUTTERS, CARBIDE, SOLID-BIT—13-012

Adamas Carbide Corp.
American Cutter & Engineering Corp.
Atrax Co., The
B & W Precision Products Co.
Bokum Tool Co., Inc.
Brunner & Lay, Inc.
Carbide Tools, Inc.
Chicago Tool & Engineering Co.
Comet Tool Co.
Crafts Co., Inc., Arthur A.
Criterion Machine Works
Davis Boring Tool Div.
Dayton Carbide Tool Co., Inc.
Detroit Boring Bar Co., The
DeVlieg Microbore Div.
Dixie Tool Industries
Elgin National Watch Co.
Evarada Tool Co.
Everede Tool Co.
Falcon Tool Co.
Firth Sterling, Inc.
Ford Mfg. Co., Inc., M. A.
Gairing Tool Co.
Gorham Tool Co.
Heald Machine Co., The
Heller Tool Co.
Jarvis Corp.
Kennametal, Inc.
King-Lindstrom Co.
Lehmann-Fulton Boring Tool Co.
Madison-Relco Tool Co.
Masterform Tool Co.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Meyers Co., W. F.
Morse Twist Drill & Machine Co.
National Tool Co.
Newcomer Products, Inc.
Niagara Cutter Div.
Pratt & Whitney Co., Inc.
R. B. Tool Co., Inc.
Rotary Tool Industries, Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Starlite Industries, Inc.
Time Saver Tools, Inc.
U. S. Carbide Tool, Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Waukesha Cutting Tools, Inc.
Weddell Tools, Inc.
Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

BORING CUTTERS, CERAMIC BIT—13-014

American Cutter & Engineering Corp.
Carborundum Co., The
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DeVlieg Microbore Div.
Dixie Tool Industries
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Niagara Cutter Div.
Norton Co., Abrasive Div.
Stupalox Project
Viking Tool Co., Inc., The

BORING CUTTERS, DIAMOND BIT—13-015

Abrasive Dressing Tool Co.
American Coldset Corp.
American Diamond Tool Corp.
American Diamond Tool & Gauge Co.
Cleveland Industrial Tool Corp.
Clipper Diamond Tool Co., Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Dessau Co., Inc., Maurice S.
DeVlieg Microbore Div.
Diamond Productions, Inc.
Diamond Tool Research Co. Ltd.
Di-Tru Diamond Tool Co.
Gilmore & Co., Inc., F. F.
Harnon Machine Co., Inc.
International Abrasive Corp.
Koebel Diamond Tool Co.
Kuznick Co., Paul L., The
Milwaukee Electric Tool Corp.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Parsons Diamond Products, Inc.
Penn Scientific Products Co.

**BORING CUTTERS, DIAMOND
BIT—13-015 (cont.)**

Permatach Diamond Tool Co.
Portomac, Inc.
Precision Diamond Tool Co.
Service Diamond Tool Co.
Smit & Co., Inc., Anton
Smit & Sons, Inc., J. K.
Super-Cut, Inc.
United Diamond Tool Co.
Wheel Truing Tool Co.

BORING CUTTERS, STEEL BIT—13-011

Acme Tool Corp.
American Cutler & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beaver Tool & Engineering Corp.
Black Drill Co.
Bokum Tool Co., Inc.
Brunner & Lay, Inc.
Chicago Tool & Engineering Co.
Criterion Machine Works
Crucible Steel Co. of America
Davis Boring Tool Div.
Dayton Carbide Tool Co., Inc.
Detroit Boring Bar Co., The
DeVlieg Microbore Div.
Evarada Tool Co.
Everede Tool Co.
F & D Tool Co., Inc.
Globe Tools
Gorham Tool Co.
Hardy Tool & Machine Div., Spectol Corp.
Illinois Tool Works
Index Machine Co.
Lehmann-Fulton Boring Tool Co.
Madison-Reico Tool Co.
Masterform Tool Co.
McCrosky Tool Corp.
Muskegon Tool Industries, Inc.
National Tool Co.
Plew Tool Corp.
Pratt & Whitney Co., Inc.
Price & Rulgebeck
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
Time Saver Tools, Inc.
Tree Tool & Die Works
Universal Engineering Co.
Vee Bee Mfg. Co.
Viking Tool Co., Inc., The
Waukesha Cutting Tools, Inc.
Weddell Tools, Inc.

BORING HEADS (see Heads, Boring)

**BORING MACHINES,
HORIZONTAL—11-011**

Aaron Machinery Co., Inc.
American Schless Corp.
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Ballard Co., The
Barer Engineering & Machinery Co. Ltd.
Barnes Co., W. F. and John
Behr Machinery & Equipment Corp.
British Machines & Foundry Supplies Ltd.
Buhr Machine Tool Co.
Burg Tool Mfg. Co., Inc.
Carney-Stansfield Co.
Cincinnati Gilbert Machine Tool Co., The
Columbus International Corp.
Consolidated Machine Tool Div.
Cosa Corp.
Cross Co., The
DeVlieg Machine Co.
DeWalt Div.
Drillimation Co., Inc.
Epsen-Lucas Machine Works
Fidelity Machine Tool Inc.
Fitchburg Engineering Corp.
Forney's, Inc.
Giddings & Lewis Machine Tool Co.
Gray Co., G. A., The
Greenlee Bros. & Co.
Heald Machine Co., The
Hill, Inc., Walter P.
Index Industrial Corp.
Ingersoll Milling Machine Co.
Innocenti Corp.
Kaukauna Div.
Kempnath Machine Co.
LeBlond Machine Tool Co., R. K., The
M. B. I. Export & Import Ltd.
Mercuria Co.
Morton Mfg. Co.
New Britain Machine Co., The, Lucas
Machine Div.

Oliver Machinery Co.
Olivetti Corp. of America, Machine
Tool Div.
Orban Co., Inc., Kurt
Portage Machine Co.
S & S Machinery Co.
Scharmann Machine Corp.
Seewald, Inc.
Sigma Machinery, Inc.
Simmonds Machine Tool Co.
Southern Machine Tool Co.
Stokvis Edera & Co., Inc.
Swift Ohio Corp.
United Machinery Sales Co.
Van Norman Machine Co.
Wadell Equipment Co., Inc.
Young Machine Tool

BORING MACHINES, JIG—11-014

Aaron Machinery Co., Inc.
Alina Corp.
American Slip Corp.
Amtool Company, Inc.
Atlantic Machine Tool Works, Inc.
Austin Industrial Corp.
Barer Engineering & Machinery Co. Ltd.
Bentley Industrial Corp.
Cleereman Machine Tool Corp.
Columbia International Corp.
Cosa Corp.
DeVlieg Machine Co.
Erinac Equipment Corp.
Fidelity Machine Tool Inc.
Fosdick Machine Tool Co., The
Giddings & Lewis Machine Tool Co.
Graham Machine Tool Co.
Hirschmann Co., Inc., Carl
Industrial City Boring Co.
Kaukauna Div.
Knight Machinery Co., W. B.
Linley Brothers Co.
Loeffel Co., Inc., Arthur, The
M. B. I. Export & Import Ltd.
Manex Machinery Corp.
Mercuria Co.
Moore Special Tool Co., Inc.
Opto Metric Tools, Inc.
Orban Co., Inc., Kurt
Pratt & Whitney Co., Inc.
S & S Machinery Co.
Technix Co.
Van Norman Machine Co.
Wharton and Wilcocks of America, Inc.

BORING MACHINES, PRECISION—11-013

Aaron Machinery Co., Inc.
American Schless Corp.
Bachmann Co., Inc., Eric R.
Burg Tool Mfg. Co., Inc.
Canton Tool Mfg. Co., The
Carney-Stansfield Co.
Cincinnati Gilbert Machine Tool Co.
Cleereman Machine Tool Corp.
Consolidated Machine Tool Div.
Cosa Corp.
Cross Co., The
DeVlieg Machine Co.
Drillimation Co., Inc.
Fidelity Machine Tool Inc.
Fitchburg Engineering Corp.
Forney's, Inc.
Fosdick Machine Tool Co., The
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Hardinge Brothers, Inc.
Heald Machine Co., The
Hirschmann Co., Inc., Carl
Ingersoll Milling Machine Co.
Jones & Lamson Machine Co.
Kaukauna Div.
M. B. I. Export & Import Ltd.
Marac Machinery Corp.
New Britain Machine Co., The, New
Britain-Gridley Div.
Olofsson Corp., The
Orban Co., Inc., Kurt
Pratt & Whitney Co., Inc.
Russell, Holbrook & Henderson, Inc.
S & S Machinery Co.
Scharmann Machine Corp.
Seneca Falls Machine Co.
Sigma Machinery, Inc.
Simplex Machine Tool Corp.
Wadell Equipment Co., Inc.
Wharton and Wilcocks of America, Inc.

**BORING MACHINES, SPECIAL
PURPOSE—11-015**

Aaron Machinery Co., Inc.

Agnew Machine Co.
Baker Brothers, Inc.
Barnes Drill Co.
Barnes Co., W. F. and John
Bedford Gear & Machine Products, Inc.
Buckeye Tools Corp.
Burg Tool Mfg. Co., Inc.
Burke Porter Machinery Co.
Canton Tool Mfg. Co., The
Carney-Stansfield Co.
Century Detroit
Cincinnati Gilbert Machine Tool Co.
Cleereman Machine Tool Corp.
Conray Electro-Mechanical Corp.
Consolidated Machine Tool Div.
Cosa Corp.
Cross Co., The
Davis Boring Tool Div.
Davis & Thompson Co.
Drillimation Co., Inc.
Epsen-Lucas Machine Works
Fitchburg Engineering Corp.
Foote-Burt Co., The
Forney's, Inc.
Fulmer Co., C. Allen
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Gorton Machine Co., George
Greenlee Bros. & Co.
Heald Machine Co., The
Hufford Corp., The
Ingersoll Milling Machine Co.
Jones & Lamson Machine Co.
Kaukauna Div.
Krueger-Barnes Corp.
Lamb Co., F. Jos.
Le Maire Machine Tool Co.
Marac Machinery Corp.
Mercuria Co.
Mesta Machine Co.
Michigan Drill Head Co.
Moline Tool Co.
Morton Mfg. Co.
National Automatic Tool Co., Inc.
Olivetti Corp. of America, Machine
Tool Div.
Olofsson Corp., The
Orban Co., Inc., Kurt
Rehnberg-Jacobson Mfg. Co.
Sigma Machinery, Inc.
Simmonds Machine Tool Co.
Simplex Machine Tool Corp.
Snyder Corp.
Southern Machine Tool Co.
Standard-Modern Tool Co., Ltd.
Sunstrand Machine Tool Co.
Swift Ohio Corp.
Trio Tool Co.
United Machinery Sales Co.
Veet Industries
Wadell Equipment Co., Inc.
Wickes Machine Tool Div., The Wickes
Corp.

BORING MACHINES, VERTICAL—11-012

Aaron Machinery Co., Inc.
American Schless Corp.
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Ballard Co., The
Barer Engineering & Machinery Co. Ltd.
Burg Tool Mfg. Co., Inc.
Canton Tool Mfg. Co., The
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Consolidated Machine Tool Div.
Cosa Corp.
Coulter Machine Co., James, The
Cross Co., The
Drillimation Co., Inc.
Epsen-Lucas Machine Works
Fitchburg Engineering Corp.
Giddings & Lewis Machine Tool Co.
Heald Machine Co., The
Hermes Machine Tool Co., Inc.
Hirschmann Co., Inc., Carl
Index Machine Co.
Ingersoll Milling Machine Co.
Kaukauna Div.
Kenco Mfg. Co.
King Machine Tool Div., American
Steel Foundries
Marac Machinery Corp.
Morton Mfg. Co.
New Britain Machine Co., The, New
Britain-Gridley Div.
Oliver Machinery Co.
Olofsson Corp., The
Orban Co., Inc., Kurt
Rogers Machine Works, Inc.

PRODUCTS

BORING MACHINES, VERTICAL (cont.)

S & S Machinery Co.
Seewald, Inc.
Sigma Machinery, Inc.
Swift Ohio Corp.
Van Norman Machine Co.
Wadell Equipment Co., Inc.
Young Machine Tool

BORING TOOLS, GUN TYPE—13-017

Eldorado Tool & Mfg. Corp.

BRAKE & CLUTCH MECHANISMS (see Clutch & Brake)

BRAKES, HYDRAULIC—21-028

Cincinnati Shaper Co., The
Lempeo Industrial, Inc.
Pacific Industrial Mfg. Co.

BRAKES & SHEARS, MECHANICAL—21-012

Aaron Machinery Co., Inc.
Alva Allen Industries
Berkroy Products Co.
Cincinnati Shaper Co., The
Cleveland Crane & Engineering Co., The
Cyril Bath Co., The
Diamond Machine Tool Corp.
Dreis & Krump Mfg. Co.
Excelstor Tool & Machine Co.
Fidelity Machine Tool Inc.
Girard Associates
Hill Acme Co., The
Jackson Machine & Press Corp.
Kenco Mfg. Co.
Morton Mfg. Co.
Niagara Machine & Tool Works
Peck, Stow & Wilcox Co., The
Rotex Punch Co., Inc.
Ryerson & Son, Inc., Joseph T.
Secrest Machine Co.
Stueck, Inc., W. Whitney
Taylor-Winfield Corp.
Thomas Machine Mfg. Co.
United Machinery Sales Co.
Verson Allsteel Press Co.
Wean Equipment Corp.
Whitney Metal Tool Co.
Wysong and Miles Co.

BRASS (see Copper, Brass, Bronze)

BRAZING ACCESSORIES—52-040

Aeroprojects Inc.
Air Products, Inc.
Air Reduction Sales Co.
All-State Welding Alloys Co., Inc.
Aluminum Co. of America
Dockson Corp.
Electro Refractories & Abrasives Corp.
Eutectic Welding Alloys Corp.
Linde Co.
Mueller Brass Co.
Park Chemical Co.
Superior Flux & Mfg. Co.
Youngberg Bros.

BRAZING ALLOYS (see Alloys, Brazing)

BRAZING EQUIPMENT, FLAME—52-020

Air Products, Inc.
Air Reduction Sales Co.
American Gas Furnace Co.
Dockson Corp.
Holcroft & Co.
Linde Co.
Magnetthermic Corp.
Selas Corp. of America
Smith Welding Equip. Corp.
Staats & Staats, Inc.
Stokes Corp., F. J.
Wall Colmonoy Corp.
Youngberg Bros.

BRAZING EQUIPMENT, INDUCTION—52-030

Allis-Chalmers Mfg. Co.
Dacor Mfg. Corp.
Electric Arc, Inc.
General Electric Co.
High Vacuum Equipment Corp.
Hobart Brothers Co.
Induction Heating Corp.
Lepel High Frequency Laboratories, Inc.
Lindberg Engineering Co.
Machlett Laboratories, Inc.
Magnetthermic Corp.

Meta-Dynamics Div., Cincinnati
Milling & Grinding Machines, Inc.
Micrometrical Mfg. Co.
Orban Co., Inc., Kurt
Scientific Electric, Inc.
Stokes Corp., F. J.
Tocco Div., The Ohio Crankshaft Co.
Wall Colmonoy Corp.
Westinghouse Electric Corp.
Westinghouse Electric Corp.

BRAZING OVENS—52-010

Ajax Electric Co.
American Gas Furnace Co.
Bellevue Industrial Furnace Co.
Blue M Electric Co.
Dow Furnace Co., The
Electric Hotpack Co., Inc.
General Electric Co.
Grieve-Hendry Co., Inc.
Hevi-Duty Electric Co.
High Vacuum Equipment Corp.
Holcroft & Co.
Hones, Inc., Charles A.
Ipsen Industries, Inc.
L & L Mfg. Co.
Mahr Manufacturing Co.
Pereny Equipment Co.
Selas Corp. of America
Stark Tool Co.
Stokes Corp., F. J.
Sunbeam Equipment Corp.
Surface Combustion Corp.
Testing Machines, Inc.
Wall Colmonoy Corp.

BRINELL HARDNESS TESTING MACHINES (see Hardness Testing Machines, Brinell)

BRITTLE COATINGS, STRESS

ANALYSIS—63-109

Magnaflux Corp.

BROACHES, INTERNAL, PULL—13-021

Aaron Machinery Co., Inc.
Acme Broach Corp.
Apex Broach Co., Inc.
B. S. A. Tools Ltd.
Baj Tool Co., The
Colonial Broach & Machine Co.
Conant Broach Co.
Connecticut Broach Co.
Dayton Carbide Tool Co., Inc.
Detroit Broach & Machine Co.
du Mont Corp., The
East Shore Machine Products Co., The
Ex-Cell-O Corp.
Illinois Tool Works
Lapointe Machine Tool Co., The
Masterform Tool Co.
National Broach & Machine Co.
National Tool Co.
Orban Co., Inc., Kurt
Payne Tool and Engineering Co., The
Pioneer Broach Co.
Sundstrand-American Broach

BROACHES, INTERNAL, PUSH—13-022

Aaron Machinery Co., Inc.
Acme Broach Corp.
American Cutter & Engineering Corp.
Apex Broach Co., Inc.
B. S. A. Tools Ltd.
Baj Tool Co., The
Colonial Broach & Machine Co.
Colonial Tool Co.
Conant Broach Co.
Connecticut Broach Co.
Detroit Broach & Machine Co.
du Mont Corp., The
Ex-Cell-O Corp.
Illinois Tool Works
Lapointe Machine Tool Co., The
Masterform Tool Co.
National Broach & Machine Co.
National Tool Co.
Orban Co., Inc., Kurt
Payne Tool and Engineering Co., The
Pioneer Broach Co.
Sundstrand-American Broach
Threadwell Tap & Die Co.
Woodruff & Stokes Co., Inc.

BROACHES, PORTABLE HYDRAULIC—72-040

Aaron Machinery Co., Inc.
Acme Broach Corp.
Chicago Pneumatic Tool Co.

Colonial Broach & Machine Co.
Conant Broach Co.
du Mont Corp., The
Lapointe Machine Tool Co., The
Pioneer Broach Co.

BROACHES, PORTABLE PNEUMATIC—71-080

Aaron Machinery Co., Inc.
Acme Broach Corp.
Brunner & Lay, Inc.
Chicago Pneumatic Tool Co.
Colonial Broach & Machine Co.
Conant Broach Co.
du Mont Corp., The
National Broach & Machine Co.
Pioneer Broach Co.

BROACHES, SURFACE—13-023

Aaron Machinery Co., Inc.
Acme Broach Corp.
American Cutter & Engineering Corp.
Apex Broach Co., Inc.
Colonial Broach & Machine Co.
Conant Broach Co.
Connecticut Broach Co.
Detroit Broach & Machine Co.
Ex-Cell-O Corp.
Illinois Tool Works
Lapointe Machine Tool Co., The
Masterform Tool Co.
National Broach & Machine Co.
National Tool Co.
Orban Co., Inc., Kurt
Pioneer Broach Co.
Sundstrand-American Broach
Willey's Carbide Tool Co.

BROACHING MACHINES, HORIZONTAL INTERNAL—11-021

Aaron Machinery Co., Inc.
Acme Broach Corp.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Lapointe Machine Tool Co., The
Pioneer Broach Co.
Sundstrand Machine Tool Co.
Zagar, Inc.

BROACHING MACHINES, HORIZONTAL SURFACE—11-022

Aaron Machinery Co., Inc.
Acme Broach Corp.
Burr & Son, Inc., John T.
Cincinnati Milling Machine Co.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Foot-Burt Co., The
Lapointe Machine Tool Co., The
Pioneer Broach Co.
Sundstrand Machine Tool Co.

BROACHING MACHINES, ROTARY SURFACE—11-025

Aaron Machinery Co., Inc.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Lapointe Machine Tool Co., The
Sundstrand Machine Tool Co.

BROACHING MACHINES, VERTICAL INTERNAL—11-023

Aaron Machinery Co., Inc.
Acme Broach Corp.
B. S. A. Tools Ltd.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Lapointe Machine Tool Co., The
Mercuria Co.
Pioneer Broach Co.
Sundstrand Machine Tool Co.
Sunray Co.
Zagar, Inc.

BROACHING MACHINES, VERTICAL SURFACE—11-024

Aaron Machinery Co., Inc.
Acme Broach Corp.
B. S. A. Tools Ltd.
Burr & Son, Inc., John T.
Cincinnati Milling Machine Co.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Foot-Burt Co., The
Lapointe Machine Tool Co., The
Mercuria Co.
Sundstrand Machine Tool Co.

BRONZE (see Copper, Brass, Bronze)

BRUSHES, FIBER, 47-040

Anderson Corp.
Dixon & Rippel, Inc.
Fuller Brush Co., The
Hanson-Van Winkle-Munning Co.
Munning & Munning, Inc.
Osborn Mfg. Co., The
Pittsburgh Plate Glass Co., Brush Div.
Practical Mfg. Co.

BRUSHES, WIRE—47-030

Anderson Corp.
Arcos Corp.
Carroll Pressed Metal, Inc.
Coastal Abrasive Tool Co., Inc.
Dixon & Rippel, Inc.
Fuller Brush Co., The
Hanson-Van Winkle-Munning Co.
Munning & Munning, Inc.
Osborn Mfg. Co., The
Pittsburgh Plate Glass Co., Brush Div.
Snap-On Tools Corp.
Thor Power Tool Co.

BRUSHING ACCESSORIES—47-050

Buckeye Tools Corp.
Coastal Abrasive and Tool Co., Inc.
Foredom Electric Co., Inc.
Fuller Brush Co., The
Osborn Mfg. Co., The
Thor Power Tool Co.

BRUSHING HEADS (see Heads, Brushing)

BRUSHING MACHINES—47-010

Acme Mfg. Co.
Elliott Mfg. Co., Inc., B. W.
Fuller Brush Co., The
Industrial Metal Products Corp.
Metal Parts Sales Co.
Osborn Mfg. Co., The
Thor Power Tool Co.

**BUFFING MACHINES
(see Polishing & Buffing Machines)**

BUFFING WHEELS—46-042

Bacon Felt Co.
Bias Buff & Wheel Co.

BULLDOZERS, MECHANICAL—21-018

Aaron Machinery Co., Inc.
Chambersburg Engineering Co.
Girard Associates
Hufford Corp., The
Kling Bros. Engineering Works
Link Engineering Co.
Richards Co., J. A.
Ryerson & Son, Inc., Joseph T.
Sutton Engineering Co.
Tishken Products Co.
Version Allsteel Press Co.

BURNERS—41-072

Bliss Co., E. W.
Hone, Inc., Charles A.
Johnson Gas Appliance Co.
Mahr Mfg. Co.
Selas Corp. of America

BURNISHING ACCESSORIES—48-020

Acme Broach Corp.
Curtis Machine Div., The Carborundum Co.
Foredom Electric Co., Inc.
Hirschmann Co., Inc., Carl
Lord Chemical Corp.
Madison-Faessler Tool Co.
Metal Parts Sales Co.
Mido Products
Oakite Products, Inc.
Park Chemical Co.
Speed-D-Burr Corp.
Stevens, Inc., Frederic B.
Techline Div.
Tumb-L-Matic, Inc.

BURNISHING BROACHES—48-031

Acme Broach Corp.
American Carbide Co.
American Cutter & Engineering Corp.
American Standard Co.
Boyar-Schultz Corp.

Brown & Sharpe Mfg. Co., Industrial Products Div.
Carbide Tools, Inc.
Cogsdill Tool Products, Inc.
Curtis Machine Div., The Carborundum Co.

Dayton Carbide Tool Co., Inc.
Detterbeck Co., George L.
Foredom Electric Co., Inc.
Glenhard Tool Mfrs., Inc.
Hole Engineering Service
Madison-Faessler Tool Co.
Madison Industries, Inc.
Metal Parts Sales Co.
Michigan Tool Co.
National Jet Co.
S & E Machine Products, Inc.
Special Drill & Reamer Corp.
Taper Micrometer Corp.
Valenite Metals Div.

BURNISHING MACHINES, LINEAR—48-011

Colonial Broach & Machine Co.
Curtis Machine Div., The Carborundum Co.
Metal Parts Sales Co.

**BURNISHING MACHINES,
ROTATING—48-012**

Acme Mfg. Co.
Almco, Queens Products Div.
Baird Machine Co., The
Curtis Machine Div., The Carborundum Co.
Foredom Electric Co., Inc.
Hirschmann Co., Inc., Carl
Hole Engineering Service
Kramer Co., Inc., H. W.
Madison-Faessler Tool Co.
Metal Finish, Inc.
Metal Parts Sales Co.
Munning & Munning, Inc.
Reed Rolled Thread Die Co.
Roto-Finish Co.
Speed-D-Burr Corp.
Techline Div.
Tumb-L-Matic, Inc.

BURS—13-136

Atrax Co., The
Chase Brass & Copper Co.
Coffey-Cummins Mfg. Co.
Coastal Abrasive and Tool Co., Inc.
Detroit Tap & Tool Co.
Dexco Corp. - Raymac Div.
Dixie Tool Industries
Elgin National Watch Co.
Ford Mfg. Co., Inc., M. A.
Foredom Electric Co., Inc.
Heller Tool Co.
International Abrasive Corp.
Jarvis Corp.
Johnson & Bassett, Inc.
Martindale Electric Co.
Metal Removal Co., The
Metal Parts Sales Co.
Onsrud Cutter Mfg. Co., Inc.
Pratt & Whitney Co., Inc.
Precision Carbide Co.
Rotary Tool Industries, Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Service File Sharpening Co.
Severance Tool Industries, Inc.
Simonds Saw & Steel Co.
Starlite Industries, Inc.
U. S. Carbide Tool, Inc.
Wendt-Sonix Co.
Wilkins, Inc., Alwin Fr.

BUSHINGS, DIE SET—22-030

Acme-Danneman Co., Inc.
Acme Industrial Co.
Bliss Co., E. W.
Bultool Co.
Bushings, Inc.
Dandy Machine Specialties, Inc.
Detroit Die Set Corp.
Detroit Mold Engineering Co.
Die Supply Div., E. W. Bliss Co.
Lamina Dies & Tools, Inc.
Micro Punch & Die Co.
Moccasin Bushing Co.
Producto Machine Co., The
Renewal Service, Inc.
Richard Brothers Punch Div.
Standard Bushing Mfrs., Inc.

Standard Die Set Co.
Superior Steel Products Corp.
Union Manufacturing Co.
U. S. Tool Co., Inc.

**BUSHINGS, DIE SET,
ANTIFRICTION—22-033**

Bliss Co., E. W.
Detroit Die Set Corp.
Die Supply Div., E. W. Bliss Co.
Lamina Dies & Tools, Inc.
Standard Bushing Mfrs., Inc.
Standard Die Set Co.
Thomson Industries, Inc.
Union Mfg. Co.
U. S. Tool Co., Inc.

BUSHINGS, DIE SET, SHOULDER—22-032

Acme-Danneman Co., Inc.
Acme Industrial Co.
Bliss Co., E. W.
Bultool Co.
Bushings, Inc.
Dandy Machine Specialties, Inc.
Detroit Die Set Corp.
Detroit Mold Engineering Co.
Die Supply Div., E. W. Bliss Co.
Micro Punch & Die Co.
Moccasin Bushing Co.
Producto Machine Co., The
Renewal Service, Inc.
Richard Brothers Punch Div.
Standard Bushing Mfrs., Inc.
Standard Die Set Co.
Superior Steel Products Corp.
Union Mfg. Co.
U. S. Tool Co., Inc.

BUSHINGS, DRILL JIG—83-061

Accurate Bushing Co.
Ace Drill Bushing Co., Inc.
Acme-Danneman Co., Inc.
Acme Industrial Co.
Acme Tool Corp.
American Drill Bushing Co.
Bultool Co.
Economy Tool & Machine Co.
Ex-Cell-O Corp.
Furane Plastics, Inc.
Gardner-Denver Co.
Hi-Shear Rivet Tool Co.
Leland-Gifford Co.
Metal Carbides Corp.
Meyers Co., W. F.
New England Die Co., Inc.
Penn Engineering & Mfg. Corp.
Prebco Bushing Co.
Rezolin, Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Standard Bushing Mfrs., Inc.
Techno-Products Corp.
Universal Engineering Co.
Willey's Carbide Tool Co.

BUSHINGS, FLEXIBLE—83-064

Bushings, Inc.
Roller Bearing Co. of America

BUSHINGS, GUIDE, LIVE—83-063

Briney Mfg. Co.
Die Supply Div., E. W. Bliss Co.
Donley Products, Inc.
Gatco Rotary Bushing Co.
Moccasin Bushing Co.
Standard Bushing Mfrs., Inc.
Standard Parts Co.

BUSHINGS, GUIDE, PLAIN—83-062

Acme Industrial Co.
American Carbide Co.
American Crucible Products Co., The
Bultool Co.
Bunting Bras & Bronze Co., The
Bushings, Inc.
Centrifugally Cast Products Div., The
Shenango Furnace Co.
Dandy Machine Specialties, Inc.
Dayton Perforators, Inc.
Detroit Mold Engineering Co.
Die Supply Div., E. W. Bliss Co.
Ideal Industries, Inc.
Johnson Bronze Co.
Lamina Dies & Tools, Inc.
Masters Precision Tool Co.
Micro Punch & Die Co.
Moccasin Bushing Co.

PRODUCTS

BUSHINGS, GUIDE, PLAIN (cont.)

Renewal Service, Inc.
Sheridan Products, Inc.
Standard Bushing Mfrs., Inc.

CALIPERS, MECHANICS—74-021

Alina Corp.
American & Overseas Trading Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chicago Tool & Engineering Co.
Coastal Abrasive and Tool Co., Inc.
DoAll Co., The
Foister Supplies Co.
General Hardware Mfg. Co., Inc.
Lufkin Rule Co.
Millers Falls Co.
Montgomery & Co., Inc.
Neise, Karl A.
Scherr Co., Inc., George
Size Control Co.
Stocomb Co., J. T.
Starrett Co., L. S., The
Swedish Gage Co.
Taper Micrometer Corp.
Transocean Trading Co.
Tubular Micrometer Co.

CAM BLANKS—12-011

American Cam Co.

CAMERAS—93-010

Zeiss, Inc., Carl

CAMERAS, HIGH-SPEED—93-013

Wollensak Optical Co.

CAMS—12-010

Alco Tool Co., The
American Cam Co., Inc.
Amplex Div., Chrysler Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Camdale Precision, Inc.
Detterbeck Co., George L.
Eastman Kodak Co.
Elaser Engineering Co., Inc.
Ercona Corp.
Ferguson Machine Corp. of Indiana
Hanco Engineering
Himoff Machine Co., Inc.
Holmberg & Co., Inc., August W.
Jergens Tool Specialty Co.
Lodding, Inc.
Loeffel Co., Inc., Arthur, The
Madison-Relco Tool Co.
Middlestadt Machine Co., The
Monroe Engineering Products, Inc.
Morton Machine Works
New Britain Tool & Mfg. Co., Inc.
Nikon, Inc.
Opto Eng. Co.
Parker-Hartford Corp., The
Payne Tool and Engineering Co., The
Pic Design Corp.
Rowbottom Machine Co., Inc.
Royal Oak Tool & Machine Co.
Sanders Laboratories
Shaker Tool & Die Co.
Siewek Tool Co.
Standard-Modern Tool Co., Ltd.
Standard Parts Co.
Swanson-Erie Corp.
Thompson Mfg. Co., Earl A.
Tomco, Inc.
Waltham Machine Works, Inc.
West Point Mfg. Co.
Wollensak Optical Co.

CARBIDE TIPS (see Tips, Carbide)

CARBIDES INSERTS, 1½ INCH

(see Inserts, Carbide, 1½ inch)

CARBIDE INSERTS, THROW-AWAY

(see Inserts, Carbide, Throw-away)

CARBIDES, CEMENTED—02-210

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Carbide Co.
American Cutter & Engineering Corp.
Armstrong Bros. Tool Co.
Carbide, Inc.

Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Firth Sterling, Inc.
Jaquith Carbide Div., Pratt & Whitney Co., Inc.
Kennametal, Inc.
L & H Die & Tool Co., Inc.
Madison-Relco Tool Co.
Mallory & Co., Inc., P. R.
Metal Carbides Corp.
Metallurgical Products Dept., General Electric Co.
Modco Tools Div. of the Valeron Corp.
Mohawk File & Tool Co.
Multi Metals, Inc.
Newcomer Products, Inc.
New England Die Co., Inc.
Porter Precision Products
Sandvik Steel, Inc.
Sintercast Corp. of America
Special Drill & Reamer Corp.
Sturdy Tool & Gage Co.
Tungsten Alloy Mfg. Co., Inc.
U. S. Carbide Tool, Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wesson Co.
Willey's Carbide Tool Co.

CARBIDES, MACHINABLE—02-211

Milne & Co., Inc., A.
Sintercast Corp. of America

CARBURIZING COMPOUNDS

(see Compounds, Carburizing)

CAST ALLOY TOOL MATERIALS—02-220

Colmonoy Div.
Haynes-Stellite Co.
Jesop Steel Co.
Vascoloy-Ramet Corp.

CASTING EQUIPMENT, DIE—33-010

Aaron Machinery Co., Inc.
B & T Machinery Co.
Chemical Development Corp.
Cleveland Automatic Machine Co., The
DCMT Sales Corp.
Detroit Mold Engineering Co.
Erinac Equipment Corp.
Greenlee Bros. & Co.
Hydraulic Press Mfg. Co., The
Kux Machine Co.
Lake Erie Machinery Corp.
Reed-Prentice Div., Package Machinery Co.
Sigma Machinery, Inc.

CASTING EQUIPMENT, SAND—31-010

Tabor Mfg. Co., The

CASTING EQUIPMENT, INVESTMENT—32-010

Stokes Corp., P. J.

CENTERING MACHINES—11-207

Seneca Falls Machine Co.

CENTER DRILLS (see Drills, Center)

CENTERS, DEAD, CARBIDE—12-021

AA Gage Co.
American Carbide Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Bealy-Welles Corp.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Bultool Co.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Collis Co., The
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
DoAll Co., The
F & D Tool Co., Inc.
Glenzer Co., J. C., The
Gorham Tool Co.
J & S Tool Co., Inc.
Metal Carbides Corp.
Metal Removal Co., The

Meyers Co., W. F.
National Tool Co.
Neico Tool Co., Inc., Subsidiary of Brown & Sharpe Mfg. Co.
New England Die Co., Inc.
Productive Tool Service, Inc.
Ready Tool Co., The
Rigid Products Co.
Royal Products
S & E Machine Products, Inc.
Schmarje Tool Co.
Scully-Jones & Co.
Special Drill & Reamer Corp.
U. S. Carbide Tool, Inc.
Valenite Metals Div.
Vascoloy-Ramet Corp.
Wendt-Sons Co.
Wesson Co.
Willey's Carbide Tool Co.

CENTERS, DEAD, STEEL—12-022

AA Gage Co.
Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Black Drill Co.
Bultool Co.
Chicago-Latrobe
Chicago Mfg. & Distributing Co.
Cleveland Twist Drill Co., The
Collis Co., The
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
DoAll Co., The
F & D Tool Co., Inc.
Glenzer Co., J. C., The
Gorham Tool Co.
J & S Tool Co., Inc.
National Tool Co.
Productive Tool Service, Inc.
Ready Tool Co., The
Reitool Corp.
Rockford Engineered Products Co.
Royal Products
Scully-Jones & Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Stark Tool Co.

CENTERS, DRIVING—12-026

Ideal Industries, Inc.
R. B. Tool Co., Inc.

CENTERS, LIVE—12-023

AA Gage Co.
Acme Tool Corp.
Arrow Tool & Reamer Co.
Bultool Co.
Collis Co., The
Concentric Tool Corp.
Dakon Corp.
DoAll Co., The
Empire Tool Co.
Falls Products, Inc.
Glenzer Co., J. C., The
Hardy Tool & Machine Div., Spectol Corp.
Holub Industries, Inc.
J & S Tool Co., Inc.
Johnson & Bassett, Inc.
Jones & Lamson Machine Co.
M. B. I. Export & Import Ltd.
Marvel Tool & Machine Co.
Montgomery & Co., Inc.
Motor Tool Mfg. Co.
Nielsen, Inc.
Nirol Mfg. Co.
Penniman Co., Elsie
R. B. Tool Co., Inc.
Ready Tool Co., The
Rigid Products Co.
Rockford Engineered Products Co.
Royal Products
Scully-Jones & Co.
Seewald, Inc.
South Bend Lathe Works
Sturdimatic Tool Co.

CENTERS, LIVE, SPRING-LOADED—12-024

AA Gage Co.
Acme Tool Corp.
Bultool Co.
Concentric Tool Corp.
Glenzer Co., J. C., The
J & S Tool Co., Inc.
Motor Tool Mfg. Co.
Nirol Mfg. Co.
R. B. Tool Co., Inc.
Ready Tool Co., The

CENTERS, SELF-ADJUSTING—12-025

AA Gage Co.
Concentric Tool Corp.
Industrial Tool Service
J & S Tool Co., Inc.
Marvel Tool & Machine Co.
R. B. Tool Co., Inc.
Ready Tool Co., The

CENTERS, TOOLROOM—63-092

AA Gage Co.
Acme Tool Corp.
American Cutter & Engineering Corp.
Atlas Tool & Die Wks.
Black Drill Co.
Bultool Co.
Concentric Tool Corp.
J & S Tool Co., Inc.
Knight Machinery Co., W. B.
Marvel Tool & Machine Co.
Providence Tool Co., Inc.
R. B. Tool Co., Inc.
Ready Tool Co., The
Schmarje Tool Co.
Special Drill & Reamer Corp.
Sundstrand-American Broach
Taft-Peirce Mfg. Co., The
Vilter Co., E. F.
Walker-Turner Div.

CERAMIC INSERTS (see Inserts, Ceramic)

CERAMIC OXIDES—03-060

Aluminum Co. of America
American Cutter & Engineering Corp.
Crafts Co., Inc., Arthur A.
Diamondite Products Mfg. Co.
Gulton Industries, Inc.
Metallizing Engineering Co., Inc.
Norton Co., Abrasive Div.
Stupalox Project
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Whittaker, Clark & Daniels, Inc.

**CHAIN & SPROCKET DRIVES
(see Drives, Chain & Sprocket)**

**CHAMFERING TOOLS & COUNTERSINKS
(see Countersinks & Chamfering Tools)**

CHANGERS, SPEED—83-012

Abart Gear & Machine Co.
Allis-Chalmers Mfg. Co.
American Pulley Co., The
Bond Co., Charles
Boston Gear Works
Cleveland Worm & Gear Co., The
Custante Corp., The
Drive-All Mfg. Co.
Foote Bros. Gear & Mach. Corp.
General Electric Co.
General Radio Co.
Graham Transmission, Inc.
Janette Electric Mfg. Co.
Lima Electric Motor Co., Inc., The
Link-Belt Co.
Metron Instrument Co.
Morse Chain Co.
Ohio Gear Co., The
Peerless Gear & Machine Co., Inc.
Perkins Machine & Gear Co.
Reeves-Pulley Co.
Reliance Electric & Engineering Co.
Sewall Mfg. Co., E. B.
Sterling Electric Motors, Inc.
Supreme Products Corp.
U. S. Electrical Motors, Inc.
Westinghouse Electric Corp.

CHARTS, OPTICAL, COMPARATOR—63-105

Capital Reproductions Inc.
Gage Co.
Industrial Lofting & Mfg. Co., Inc.
Optical Gaging Products, Inc.
Opto-Metric Tools, Inc.

CHASERS, RADIAL—13-114

Beaver Pipe Tools, Inc.
Chaso Tool Co., Inc., The
Eastern Machine Screw Corp.
Geometric-Horton, Div. of United-
Greenfield Corp.
Hill Acme Co., The
Jones & Lamson Machine Co.
Oster Mfg. Co., The

Potlstown Machine Co.
Rickert-Shafer Co.
Sheffield Corp., The

CHASERS, TANGENTIAL—13-115

Chaso Tool Co., Inc., The
Davis & Thompson Co.
Geometric-Horton, Div. of United-
Greenfield Corp.
Hill Acme Co., The
Jones & Lamson Machine Co.
Landis Machine Co.
Oster Mfg. Co., The
Sheffield Corp., The

**CHEMICAL ANALYSIS TESTING
EQUIPMENT—64-100**

Dietert Co., Harry W.

CHEMICALS—03-010

Aluminum Co. of America
Amchem Products, Inc.
Barco Chemical Products Co.
Belmont Smelting & Refining Works,
Inc.
Diversey Corp., The
Dow Chemical Co., The
Dow Corning Corp.
du Pont de Nemours & Co., Inc., E. I.
Eastman Kodak Co.
Fidelity Chemical Products Corp.
Furane Plastics, Inc.
International Chemical Co., Inc.
Jones & Laughlin Steel Corp.
Kerns Co., L. R.
Len-Michigan, Inc.
Macco Products Co., The
Metal Parts Sales Co.
Mido Products
Miller Corp., Harry
Munning & Munning, Inc.
Okun Co., Inc., A. L.
Park Chemical Co.
Parker Rust Proof Co.
Reichhold Chemicals, Inc.
Reynolds Metals Co.
Rezolin, Inc.
Standard Oil Co. of California,
Western Operations, Inc.
Shell Chemical Corp.
Steco Corp., The
Udyllite Corp., The
United States Rubber Co.

CHILLING MACHINES—41-030

Cincinnati Sub Zero Products
Harris Refrigeration Co.
Lundholm Mfg. Co.
Tenney Engineering, Inc.

CHIP BREAKERS—13-109

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
Aloris Tool Co., Inc.
American Cutter & Engineering Corp.
Bealy-Welles Corp.
Bokum Tool Co., Inc.
Carbide Tools, Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DoAll Co., The
Evarada Tool Co.
Everede Tool Co.
Kennametal, Inc.
Lund Mfg. Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Malcus Tools Corp.
Masterform Tool Co.
Metallurgical Products Dept., General
Electric Co.
Newarkville Machine & Tool Co.
Newcomer Products, Inc.
Niagara Cutter Div.
Productive Tool Service, Inc.
R and L Tools
Sandvik Steel, Inc.
Stupalox Project
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wesson Co.
Willey's Carbide Tool Co.

CHOPPERS, SCRAP—22-150

Aaron Machinery Co., Inc.
Automatic Feed Co.

Bliss Co., E. W.
Cooper Weymouth, Inc.
Durant Tool Co.
Fidelity Machine Tool Inc.
La Bahn Roll Feed Corp.
Littell Machine Co., F. J.
Mesta Machine Co.
Seco, Inc.
Tishken Products Co.
United Machinery Sales Co.
U. S. Tool Co., Inc.

CHUCK JAWS—12-183

Acme-Danneman Co., Inc.
American Cutter & Engineering Corp.
B. S. A. Tools Ltd.
Bedford Gear & Machine Products, Inc.
Bultool Co.
Bushings, Inc.
Carbide Tools, Inc.
Century Detroit
Chemical Development Corp.
Cushman Chuck Co., The
DeWitt Equipment Corp.
DuPage Machine Co.
Garraico Machine Works, Inc.
Geometric-Horton, Div. of United-
Greenfield Corp.
Gisholt Machine Co.
Hufford Corp., The
Huron Machine Products, Inc.
J & S Tool Co., Inc.
Jergens Tool Specialty Co.
Jones & Lamson Machine Co.
Mercury Tool & Die Co., Inc.
Morton Machine Works
New Britain Tool & Mfg. Co., Inc.
Renewal Service, Inc.
Rockford Engineered Products Co.
S-P Mfg. Corp., The
Shaker Tool & Die Co.
Snow Mfg. Co.
Standard Parts Co.
Tietzmann Tool Corp.
Tomco, Inc.
Trio Tool Co.
Union Mfg. Co.
West Point Mfg. Co.
Whiton Machine Co., The
Woodworth Co., N. A.

CHUCKS, BORING—12-031

A & C Engineering Co.
American Cutter & Engineering Corp.
Beaver Tool & Engineering Corp.
Borel & Dunner
Buck Tool Co.
Cushman Chuck Co., The
Drewco Corp.
Falcon Tool Co.
Garrison Machine Works, Inc.
Geometric-Horton, Div. of United-
Greenfield Corp.
Heald Machine Co., The
Last Word Sales Co.
New Britain Tool & Mfg. Co., Inc.
Scully-Jones & Co.
Skinner Chuck Co., The
Stace-Allen Chuck, Inc.
Union Mfg. Co.
Universal Engineering Co.
Whiton Machine Co., The
Wohlin Products, Inc.
Woodworth Co., N. A.

CHUCKS, COLLET—12-039

Cushman Chuck Co., The
Gisholt Machine Co.
Hall Mfg. Co.
Jacobs Mfg. Co.
Redmer Air Devices, Inc.
Speedgrip Chuck Div.

CHUCKS, DRILL—12-032

Albertson & Co., Inc.
Alco Tool Co., The
American Cutter & Engineering Corp.
AMF Tool Div., American Machine &
Foundry Co.
B & W Precision Products Co.
Beaver Tool & Engineering Corp.
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co., Turret
Drilling Div., Inc.
Chicago Tool & Engineering Co.
Collis Co., The
Drewco Corp.
Empire Tool Co.

PRODUCTS

CHUCKS, DRILL—12-032 (cont.)

Erickson Tool Co.
Errington Mechanical Laboratory, Inc.
Foredom Electric Co., Inc.
Garrison Machine Works, Inc.
Glenser Co., J. C., The
Index Machine Co.
Jacobs Mfg. Co., The
Lee Co., E. O.
Madison Tool & Supply Co.
Mohawk File & Tool Co.
Neise, Karl A.
Onelda Machine Tool Corp.
Precision Twist Drill & Mach. Co.
R. B. Tool Co., Inc.
Ritmar Corp.
Scully-Jones & Co.
Seewald, Inc.
Supreme Products Corp.
Universal Engineering Co.
Wohnip Products, Inc.

CHUCKS, DRILL STOP—12-187

Wohnip Products, Inc.

CHUCKS, GRINDING—12-033

A & C Engineering Co.
Aaron Machinery Co., Inc.
Abrasive Associates
Acme Tool Corp.
American Cutter & Engineering Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bryant Chucking Grinder Co.
Buck Tool Co.
Chicago Tool & Engineering Co.
Cortland Grinding Wheels Corp.
Cushman Chuck Co., The
Dreweo Corp.
Erickson Tool Co.
Garrison Machine Works, Inc.
Heald Machine Co., The
Lindgren & Sons Machine, Inc.
Onelda Machine Tool Corp.
Scully-Jones & Co.
Skinner Chuck Co., The
Sopko & Sons Co., Wm.
Stace-Allen Chuck, Inc.
Sterling Grinding Wheel Co.
Sundstrand-American Broach
Thomas Hoist Co.
Thompson Mfg. Co., Earl A.
Union Mfg. Co.
Woodworth Co., N. A.
Woodworth Co., N. A.

CHUCKS, LATHE, MANUAL—12-034

A & C Engineering Co.
AMF Tool Div.
Aaron Machinery Co., Inc.
Alina Corp.
B. S. A. Tools Ltd.
Bentley Industrial Corp.
Buck Tool Co.
Cushman Chuck Co., The
DeWitt Equipment Corp.
Dreweo Corp.
Erickson Tool Co.
Fidelity Machine Tool Inc.
Geometric-Horton, Div.
Gisholt Machine Co.
Hardinge Brothers, Inc.
Jacobs Mfg. Co., The
Jones & Lamson Machine Co.
L-W Chuck Co.
Madison Tool & Supply Co.
Onelda Machine Tool Corp.
Penniman Co., Elisha
Seewald, Inc.
Skinner Chuck Co., The
Speedgrip Chuck
Stace-Allen Chuck, Inc.
Union Mfg. Co.
Warner & Swasey Co.
Whitton Machine Co., The
Zagar, Inc.

CHUCKS, LATHE, POWER—12-035

A & C Engineering Co.
Adams Equipment
Buck Tool Co.
Cushman Chuck Co., The
Dreweo Corp.
Garrison Machine Works, Inc.
Gisholt Machine Co.
Logansport Machine Co., Inc.
M. B. I. Export & Import Ltd.
National Acme Co., The

Redmar Air Devices, Inc.
S-P Mfg. Corp., The
Sheffer Collet Co.
Skinner Chuck Co., The
Speedgrip Chuck
Stace-Allen Chuck, Inc.
Sutton Tool Co.
Union Mfg. Co.
Warner & Swasey Co.
Whitton Machine Co., The

CHUCKS, MAGNETIC—12-037

Aaron Machinery Co., Inc.
Acme Tool Corp.
Bald Eagle Corp., Bald Eagle Products Div.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Buck Mfg. Co.
DeWitt Equipment Corp.
DoAll Co., The
Electro-Matic Products Co.
Fidelity Machine Tool Inc.
Hanchett Magna-Lock Corp.
L-W Chuck Co.
Magnetic Holding Devices
Porotmag, Inc.
Robbins Co., Omer E.
Sundstrand-American Broach
Taft-Peirce Mfg. Co., The
Walker Co., Inc., O. S.

CHUCKS, TAPPING—12-036

Alco Tool Co., The
Beaver Tool & Engineering Corp.
Chicago Tool & Engineering Co.
Dreweo Corp.
Erickson Tool Co.
Errington Mechanical Laboratory, Inc.
Ettoo Tool & Machine Co., Inc.
Glenser Co., J. C., The
Jacobs Mfg. Co., The
M. B. I. Export & Import Ltd.
Mercuria Co.
Michigan Drill Head Co.
Nielsen, Inc., E. V.
Pottstown Machine Co.
Procurer Safety Chuck Co.
Scully-Jones & Co.
Supreme Products Corp.
Sutton Tool Co.
Thomas Hoist Co.
Thread-All Sales Co.
Universal Engineering Co.

CHUCKS, VACUUM—12-038

Barth Corp., The
Cushman Chuck Co., The
DeWitt Div.
Dunham Tool Co., Inc., The
Magnetic Holding Devices
Onsurd Machine Works, Inc.
Pioneer Aluminum, Inc.
Red Seal Metals Co.
Walker Co., Inc., O. S.

CLAMPS, AIR OPERATED—83-055

Acme-Danneman Co., Inc.
Alkon Products Corp.
Allenair Corp.
Bellows Co., The
Burklyn Co.
Case-Maul Mfg. Co., Inc.
Conforming Matrix Corp.
Federal Machine & Welder Co., The
Garrison Machine Works, Inc.
Heinrich Tools, Inc.
Lapeer Mfg. Co.
Lodding, Inc.
Logansport Machine Co., Inc.
Mead Specialties Co., Inc.
Montgomery & Co., Inc.
Onsurd Machine Works, Inc.
Sheffer Corp., The
West Point Mfg. Co.
Wilton Tool Mfg. Co., Inc.

CLAMPS, ASSEMBLIES—83-053

Acme-Danneman Co., Inc.
Adjustable Clamp Co.
Carroll & Shipley, Inc.
DoAll Co., The
Harco Engineering
Hi-Lo Products Co.
Holmes Gage & Development Corp.
J & S Tool Co., Inc.
Jergens Tool Specialty Co.

Lapeer Mfg. Co.
LeCount Tool Works, Inc.
Lodding, Inc.
Mechanics Engineering Co., Inc.
Monroe Engineering Products, Inc.
Montgomery & Co., Inc.
Morton Machine Works
Northwestern Tools, Inc.
Onsurd Machine Works, Inc.
Sesco, Inc.
Siewek Tool Co.
Standard Parts Co.
Standard Parts Co.
Standard Shop Equipment Co.
Tietzmann Tool Corp.
Tomco, Inc.
Universal Vise & Tool Co.
Wales Stripit, Inc.
West Point Mfg. Co.
Wilton Tool Mfg. Co., Inc.

CLAMPS, CAM—83-052

Carr Lane Mfg. Co.
Harco Engineering
Lapeer Mfg. Co.
Lassy Tool Co.
Lodding, Inc.
Monroe Engineering Products, Inc.
Morton Machine Works
Onsurd Machine Works, Inc.
Sesco, Inc.
Siewek Tool Co.
Standard Parts Co.
Standard Parts Co.
Tomco, Inc.
West Point Mfg. Co.
Wilton Tool Mfg. Co., Inc.

CLAMPS, MECHANICS—74-011

Adjustable Clamp Co.
Armstrong Bros. Tool Co.
Billings & Spencer Co., The
Custanite Corp., The
Mechanics Eng. Co., Inc.
Precision Tool & Mfg. Co.
Proto Tool Co.
Reid Tool Supply Co.
Saxton Mfg. Co.
West Point Mfg. Co.
Williams & Co., J. H.

CLAMPS, SPRING-LOADED—83-054

Adjustable Clamp Co.
Carr Lane Mfg. Co.
Custanite Corp., The
Grand Specialties Co.
Hunter Spring Co.
J & S Tool Co., Inc.
Lapeer Mfg. Co.
Lodding, Inc.
Morton Machine Works
Onsurd Machine Works, Inc.
Siewek Tool Co.
Standard Parts Co.
Standard Parts Co.
Tomco, Inc.
West Point Mfg. Co.
Wilton Tool Mfg. Co., Inc.

CLAMPS, TOGGLE—83-051

Acme-Danneman Co., Inc.
Adjustable Clamp Co.
Case-Maul Mfg. Co., Inc.
Custanite Corp., The
Dany Machine Specialties, Inc.
Detroit Stamping Co.
Erico Products, Inc.
Fidelity Machine Tool Inc.
Grand Specialties Co.
Kelly Mfg. Co., Robert J.
Lapeer Mfg. Co.
Morton Machine Works
Onsurd Machine Works, Inc.
Standard Parts Co.
Standard Parts Co.
Vlier Engineering Corp.
West Point Mfg. Co.
Wolverine Tool Co.

CLEANERS—04-040

Anderson Oil & Chemical Co., Inc.
Atlantic Refining Co., The
Aviation Lubricants Co., Inc.
Barco Chemical Products Co.
Circo Equipment Co.
Cliff Sales Co.
Detrex Chemical Industries, Inc.
du Pont de Nemours & Co., Inc., E. I.

CLEANERS—04-040 (cont.)

Easo Standard Oil Co.
Fidelity Chemical Products Corp.
Fuller Brush Co., The
Graymills Corp.
Gunk Laboratories, Inc.
Houghton & Co., E. F.
International Chemical Co., Inc.
Kerns Co., L. R.
Magnus Chemical Co., Inc.
Metal Lubricants Co.
Mido Products
Miller Corp., Harry
National Ultrasonic Corp.
Phillips Mfg. Co.
Practical Mfg. Co.
Sanon & Sons, Inc., Henry E.
Standard Oil Co. of California,
Western Operations Inc.
United Laboratories, Inc.

CLEANING EQUIPMENT, DIP TANK—44-050

Alvey-Ferguson Co., The
BMT Mfg. Corp.
Circo Equipment Co.
Cliff Sales Co.
Detrex Chemical Industries, Inc.
DeVilbiss Co., The
General Metals, Inc.
Graymills Corp.
Gunk Laboratories, Inc.
Hanson-Van Winkle-Munning Co.
Hoffman Products Co., Inc.
Industrial Washing Machine Corp.
Ipsen Industries, Inc.
Magnus Chemical Co., Inc.
Mahon Co., R. C., The
Mesta Machine Co.
Metal Parts Sales Co.
Metalwash Machinery Corp.
Mido Products
Munning & Munning, Inc.
Myr Sheet Metal Ind., Inc., Arthur B.
Parker Rust Proof Co.
Phillips Mfg. Co.
Practical Mfg. Co.
Schmieg Industries
Sta-Warm Electric Co.
Stevens, Inc., Frederic B.

CLEANING EQUIPMENT, ELECTROCHEMICAL—44-020

Ajax Electric Co.
American Smelting & Refining Co.
Circo Equipment Co.
Detrex Chemical Industries, Inc.
Fidelity Chemical Products Corp.
Hanson-Van Winkle-Munning Co.
Hoffman Products Co., Inc.
Mesta Machine Co.
Metal Parts Sales Co.
Munning & Munning, Inc.
Nankerys Co., George C.
Stevens, Inc., Frederic B.
Udylite Corp., The

CLEANING EQUIPMENT, VAPOR SPRAY—44-040

Aget Mfg. Co.
Blakeslee & Co., G. S.
Circo Equipment Co.
Detrex Chemical Industries, Inc.
DeVilbiss Co., The
Graymills Corp.
Gunk Laboratories, Inc.
Industrial Washing Machine Corp.
Magnus Chemical Co., Inc.
Mahon Co., R. C., The
Metal Parts Sales Co.
Metalwash Machinery Corp.
Mott Sand Blast Mfg. Co.
Munning & Munning, Inc.
Myr Sheet Metal Ind., Inc., Arthur B.
Oakite Products, Inc.
Pangborn Corp.
Phillips Mfg. Co.
Schmieg Industries
Stevens, Inc., Frederic B.
Vapor Blast Mfg. Co.

CLEANING EQUIPMENT, ULTRASONIC—44-030

Acoustics Associates, Inc.
Aclar Instruments, Inc.
Blakeslee & Co., G. S.
Branson Instruments, Inc.

Carney-Stansfield Co.
Circo Equipment Co.
Curtiss-Wright Corp.
Detrex Chemical Industries, Inc.
Gulton Industries, Inc.
Lawrence Mfg. Corp.
Metal Parts Sales Co.
Metalwash Machinery Corp.
Munning & Munning, Inc.
Narda Ultrasonics Corp., The
National Ultrasonic Corp.
Phillips Mfg. Co.
Pioneer-Central Div.
Westinghouse Electric Corp.

CLOSERS (see Collet Closers)

CLUTCH & BRAKE MECHANISMS, PRESS—22-180

Benchmark Mfg. Co.
Blies Co., E. W.
Clearing Div. of U. S. Industries
Eaton Mfg. Co.
Federal Machine & Welders Co., The
Kenco Mfg. Co.
Flaton Machine Works, Inc.
Minster Machine Co., The
Rockford Clutch Div., Borg-Warner Corp.
Twin Disc Clutch Co.
Warner Electric Brake & Clutch Co.

CLUTCH CONTROLS, PRESS—22-211

General Automation Corp.
Searjeant Metal Prod., Inc.
Wintriss, Inc.

CLUTCHES—83-015

Benchmark Mfg. Co.
Brown Engineering Co.
Clearing Div. of U. S. Industries
Conway Clutch Co.
Danly Machine Specialties, Inc.
Dodge Mfg. Corp.
Eaton Mfg. Co.
Federal Machine & Welder Co., The
Flaton Machine Works, Inc.
Gear Specialties, Inc.
Hilliard Corp., The
I-T-E Circuit Breaker Co.
Industrial Metal Products Corp.
Kenco Mfg. Co.
Link-Belt Co.
Miniclut Co., The
Minster Machine Co., The
New Departure Div., General Motors Corp.
Onsrud Machine Works, Inc.
Revo, Inc.
Rockford Clutch Div., Borg-Warner Corp.
Scully-Jones & Co.
Twin Disc Clutch Co.
Warner Electric Brake & Clutch Co.

COATING EQUIPMENT, FUSED (see Fused Coating Equipment)

COATING, PRESERVATIVE EQUIPMENT (see Preservative Coating Equipment)

COATING THICKNESS TESTERS—64-090

Unit Process Assemblies, Inc.

COATINGS, PLASTIC—04-152

Custanite Corp., The
Fidelity Chemical Products Corp.
International Chemical Co., Inc.
Metal Lubricants Co.
Minnesota Mining & Mfg. Co.
Seal-Peel, Inc.
Western Coating Co.

COIL CRADLES (see Cradles, Coil)

COILERS, SPRING—21-200

Advance Car Mover Co., Inc.
Blaner Mfg. Co.
Hjorth Lathe & Tool Co.
Perkins Machine & Gear Co.
Torrington Mfg. Co., The

COLLECTORS & FILTERS, AIR (see Filters & Collectors, Air)

COLLECTORS, DUST (see Dust Collectors)

COLLECTORS, MIST—12-114

Graymills Corp.
Hammond Machinery Builders, Inc.
Walker-Turner Div.

COLLET ADAPTERS—12-046

A-K Tool Co.
Aaron Machinery Co., Inc.
Alwin Fr. Wilkens, Inc.
Arrow Machinists & Fabricators
Beaver Tool & Engineering Corp.
Benco Collet Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Burklyn Co.
Canton Tool Mfg. Co., The
Chicago Tool & Engineering Co.
Cincinnati Milling Machine Co.
Crozier Machine Tool Co.
Cushman Chuck Co., The
Drewco Corp.
Glenzer Co., J. C., The
Greaves Machine Tool Div.
Hawkeye Specialty Co.
Index Machine Co.
Jacobs Mfg. Co., The
Kempemith Machine Co.
Montgomery & Co., Inc.
Precision Processing Co.
Royal Products
Scully-Jones & Co.
Sopko & Sons Co., Wm.
Speedgrip Chuck
Stark Tool Co.
Sutton Tool Co.
Tree Tool & Die Works
Universal Engineering Co.
Wohnip Products, Inc.

COLLET CHUCKS (see Chucks, Collet)

COLLET CLOSERS—12-047

A-K Tool Co.
Aaron Machinery Co., Inc.
Adams Equipment
Arrow Machinists & Fabricators
Beckett-Harcum Co., The
Bellows Co., The
Crozier Machine Tool Co.
Cushman Chuck Co., The
Drewco Corp.
Hall Mfg. Co.
Jacobs Mfg. Co., The
Modernair Corp.
Montgomery & Co., Inc.
Precision Processing Co.
Royal Oak Tool & Machine Co., Grinder Div.
Royal Products
Stark Tool Co.
Sutton Tool Co.

COLLETS, EJECTOR—12-045

Benco Collett Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Crozier Machine Tool Co.
Drewco Corp.
Hardinge Brothers, Inc.
Knapp Industries, B. L.
Mercuria Co.
Stark Tool Co.
Sutton Tool Co.
Thompson Mfg Co., Earl A.

COLLETS, FREE FLOATING—12-044

Drewco Corp.
Glenzer Co., J. C., The
Scully-Jones & Co.
Sutton Tool Co.
Thread-All Sales Co.

COLLETS, GENERAL—12-041

Aaron Machinery Co., Inc.
Alwin Fr. Wilkens, Inc.
American Cam Co., Inc.
B. S. A. Tools Ltd.
Beaver Tool & Engineering Corp.
Benchmark Mfg. Co.
Benco Collet Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chicago Tool & Engineering Co.
Cleveland Automatic Machine Co., The
Collis Co., The
Crozier Machine Tool Co.
Cushman Chuck Co., The

PRODUCTS

COLLETS, GENERAL—12-041 (cont.)

Davis Boring Tool Div.
Drewco Corp.
Dunham Tool Co., Inc., The
Foredom Electric Co., Inc.
Hall Mfg. Co.
Hardinge Brothers, Inc.
Jacobs Mfg. Co., The
Neise, Karl A.
Onarud Machine Works, Inc.
Ritmar Corp.
Rivett Lathe & Grinder, Inc.
Royal Products
Seewald, Inc.
Sheffer Collet Co.
South Bend Lathe Works
Speedgrip Chuck
Standard-Modern Tool Co. Ltd.
Stark Tool Co.
Sutton Tool Co.
Titan Tool Co.
Waltham Machine Works, Inc.
Wohlin Products, Inc.

COLLETS, INTERNAL—12-048

Dunham Tool Co., Inc., The
Precision Processing Co.

COLLETS, MASTER & PAD—12-042

Benco Collet Mfg. Co.
Burklyn Co.
Cleveland Automatic Machine Co., The
Crosier Machine Tool Co.
Drewco Corp.
Hall Mfg. Co.
Hardinge Brothers, Inc.
Sheffer Collet Co.
Sutton Tool Co.

COLLETS, SPRING—12-043

Ames Precision Machine Works
Benco Collet Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Chicago Tool & Engineering Co.
Cleveland Automatic Machine Co., The
Crosier Machine Tool Co.
Derbyshire, Inc., F. W.
Drewco Corp.
Erickson Tool Co.
Glenzer Co., J. C., The
Hall Mfg. Co.
Hardinge Brothers, Inc.
Hawkeye Specialty Co.
Index Machine Co.
Jones & Lamson Machine Co.
Levin & Son, Inc., Louis
Loeffel Co., Inc., Arthur, The
Madison Tool & Supply Co.
Masters Precision Tools Co.
National Jet Co.
Neise, Karl A.
Ritmar Corp.
Rivett Lathe & Grinder, Inc.
Royal Oak Tool & Machine Co., Grinder
Div.
Royal Products
Stark Tool Co.
Universal Engineering Co.
Waltham Machine Works, Inc.
Wilkins, Inc., Alwin Fr.
Wohlin Products, Inc.
Zagar, Inc.

COMBINATION AIR-HYDRAULIC DEVICES—82-120

Lynair, Inc.

COMPARATORS, AIR—63-011

Ames Co., B. C.
Boice Gages, Inc.
Dearborn Gage Co.
Federal Products Corp.
Moore Products Co.
Pratt & Whitney Co., Inc.
Sheffield Corp., The
Sperman Metal Specialties
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Thompson Mfg. Co., Earl A.

COMPARATORS, ELECTRICAL—63-012

Aaron Machinery Co., Inc.
Airborne Instruments Laboratory
Alina Corp.
American & Overseas Trading Co.

Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine Tool
Div.
Cleveland Instrument Co.
Clippard Instrument Lab., Inc.
Decker Corp., The
Dice Co., J. W.
DoAll Co., The
Engis Equipment Co.
Federal Products Corp.
Johansson Gage Co., C. E.
Link Aviation, Inc.
Magnetic Analysis Corp.
Magnetic Analysis Corp.
Merz Engineering, Inc.
Pratt & Whitney Co., Inc.
Punch Products Corp.
RCA Industrial & Machine Tool
Operations
Scherr Co., Inc., George
Sheffield Corp., The
Size Control Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Taper Micrometer Corp.
Threadwell Tap & Die Co.

COMPARATORS, ELECTRONIC—63-015

Federal Products Corp.
Merz Engineering, Inc.
Radio Corp. of America

COMPARATORS, MECHANICAL—63-013

AA Gage Co.
Alina Corp.
American Diamond Tool & Gauge Co.
Ames Co., B. C.
Bedford Gear & Machine Products, Inc.
Custom Scientific Instruments, Inc.
DoAll Co., The
Dow Mechanical Corp., The
Engis Equipment Co.
Ercona Corp.
Erinac Equipment Corp.
Federal Products Corp.
H B Tool Co.
Hamilton Watch Co., Industrial Div.
Illinois Tool Works
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
National Broach & Machine Co.
Opto-Metric Tools, Inc.
Orban Co., Inc., Kurt
Ovee Gauge Co.
Parker-Hartford Corp., The
Petz-Emery Inc.
Pratt & Whitney Co., Inc.
Scherr Co., Inc., George
Sheffield Corp., The
Size Control Co.
Snow Mfg. Co.
Standard Gage Co., Inc.
Starrett Co., L. S., The
Swedish Gage Co.
Taper Micrometer Corp.
Transocean Trading Co.

COMPARATORS, OPTICAL—63-014

AA Gage Co.
Aaron Machinery Co., Inc.
Acme Scientific Co.
Alina Corp.
American Slip Corp.
Bauch & Lomb Optical Co.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Machine Tool
Div.
Covel Mfg. Co.
Custanite Corp., The
DoAll Co., The
Eastman Kodak Co.
Engis Equipment Co.
Ercona Corp.
Erinac Equipment Corp.
Fidelity Machine Tool Inc.
Finescale Co.
Gaertner Scientific Corp., The
Hirschmann Co., Inc., Carl
Hudson Automatic Machine & Tool Co.
Industrial Lofting & Mfg. Co., Inc.
Inspection Equipment Co.
Johansson Gage Co., C. E.
Jones & Lamson Machine Co.
Link Aviation, Inc.
Munning & Munning, Inc.
Nikon, Inc.
Optical Gaging Products, Inc.
Opto Eng. Co.

Opto-Metric Tools, Inc.
Portman Instrument Co.
Royal Oak Tool & Machine Co., Grinder
Div.
Sanders Laboratories
Scherr Co., Inc., George
Stocker and Yale, Inc.
Swedish Gage Co.
Tubular Micrometer Co.
Zelm, Inc., Carl

COMPOUNDS, CARBURIZING—04-030

Aldridge Industrial Oils, Inc.
American Carbide Co.
Eutectic Welding Alloys Corp.
Hard-N-Tuff Corp.
Kasent Co.
Metal Carbides Corp.
Metal Lubricants Co.
Park Chemical Co.
Sanson & Sons, Inc., Henry E.

COMPOUNDS, DRAWING—04-220

International Refining & Mfg. Co.
Kerns Co., L. B.
Metal Lubricants Co.

COMPOUNDS, FINISHING—04-080

AAA Mfg. Co., Inc.
Abbott Ball Co., The
Acme Industrial Co.
Acme Scientific Co.
Aldridge Industrial Oils, Inc.
Almco, Queens Products Div.
Anderson Oil & Chemical Co., Inc.
Arolox Corp.
Barton Mines Corp.
Carborundum Co., The
Clover Manufacturing Co.
Crane Packing Co.
Dayton Carbide Tool Co., Inc.
Dessau Co., Inc., Maurice B.
Di-Tru Diamond Tool Co.
Elgin National Watch Co.
Empire Corp.
Engis Equipment Co.
Fulmer Co., C. Allen
General Abrasive Co., Inc.
Grav-I-Flu Corp., The
Hanson-Van Winkle-Munning Co.
Houghton & Co., E. F.
International Chemical Co., Inc.
K. C. Abrasive Co.
Kerns Co., L. B.
Lincoln Industries Co.
Lord Chemical Corp.
Magnus Chemical Co., Inc.
Mecha-Finish Corp.
Metal Finish, Inc.
Metal Parts Sales Co.
Mido Products
Miller Corp., Harry
Munning & Munning, Inc.
National Diamond Laboratory
Norton Co., Abrasive Div.
Oakite Products, Inc.
Parker Rust Proof Co.
Parsons Diamond Products, Inc.
Penn Scientific Products Co.
Precise Products Corp.
Roto-Finish Co.
Schaffner Mfg. Co., Inc.
Scientific Lubricants Co.
Socony Mobil Oil Co.
Spitfire Tool & Machine Co.
Stadol Mfg. Co.
Staple Engineering Co.
Steco Corp., The
Stevens, Inc., Frederic B.
Stuart Oil Co., Ltd., D. A.
Techline Division
Timesaver Products Co.
Tumb-L-Matic, Inc.
U. S. Products Co.
United Diamond Tool Co.
Von Arnald Co., W.
Whittaker, Clark & Daniels, Inc.

COMPOUNDS, PHOSPHATE COATING—04-204

Amchem Products, Inc.
Detrex Chemical Industries, Inc.
International Chemical Co., Inc.
Oakite Products, Inc.

COMPOUNDS, SEALING (see Sealing Compounds)

**COMPRESSION TESTING
MACHINES—61-021**

Dillon & Co., Inc., W. C.
Link Engineering Co.
Steel City Testing Machines, Inc.
Testing Machines, Inc.
Tinius Olsen Testing Machine Co.

COMPRESSORS, AIR—82-070

Allis-Chalmers Mfg. Co.
American Air Compressor Corp.
American Instrument Co., Inc.
Bell & Gossett Co.
Bendix-Westinghouse Automotive Air Brake Co.
Carrier Corp.
Champion Pneumatic Machinery Co.
Chicago Pneumatic Tool Co.
Curtis Mfg. Co.
Curtis Mfg. Co.
DeVilbiss Co., The
Eclipse Air Brush Co.
Fairbanks, Morse & Co.
Gardner-Denver Co.
Gast Mfg. Corp.
Gelber & Sons, Inc., S.
Ingersoll-Rand Co.
Leiman Bros., Inc.
Le Roi Div. Westinghouse Air Brake Co.
Martin Engineering Co.
Midland-Ross Corp.
National Compressor Corp.
Schramm, Inc.
Standard Electric Mfg. Co., Inc.
Superior Pneumatic & Mfg., Inc.
Twentieth Century Mfg. Co.
Westinghouse Air Brake Co., Industrial Products Div.
Westinghouse Electric Corp.
Worthington Corp.

COMPUTERS—81-033

Airborne Instruments Laboratory
Bristol Co., The
Century Control Engineering
Chance Vought Aircraft, Inc.
Electro-Autotizing Machine Corp.
Hughes Products, Hughes Aircraft Co.
Industrial Controls Div.
International Business Machine Corp.
Nuclear Products-Erco
Westinghouse Electric Corp.

CONTROL COMPONENTS—81-034

Airborne Instruments Laboratory
Allen-Bradley Co.
Arrow-Hart & Hegeman Electric Co., The
Automatic Switch Co.
Barkdale Valves
Barnes Corp., John S.
Bendix Industrial Controls Section
Bristol Co., The
Century Control Engineering
Clark Controller Co., The
Control Div.
Cross Co., The
Dittmore-Freimuth Corp.
Eagle Signal Corp.
Electrons, Inc.
Furnas Electric Co.
General Controls Co.
General Electric Co.
General Electric Mechanical Corp.
General Radio Co.
Hannifin Co.
Hughes Products, Hughes Aircraft Co.
Industrial Controls Div.
Industrial Electronics, Inc.
Ingraham Co., The
Jordan Co., Inc., The
Lee Co., The
Magnasyn Mfg. Co., Ltd.
Mallory & Co., Inc., P. R.
Micro Switch
Reliance Electric & Engineering Co.
Rhodes, Inc., M. H.
Royal Industries, Inc.
Square D Co.
Thompson Mfg. Co., Earl A.
United Electric Controls Co.
Vemaline Products Co.
Warner & Swasey Co., The
Westinghouse Air Brake Co., Industrial Products Div.
Westinghouse Electric Corp.

CONTROL SYSTEMS, NUMERICAL—81-031

AA Gage Co.
Barnes Drill Co.
Bendix Industrial Controls Section
Century Control Engineering
Cincinnati Milling Machine Co.
Cleveland Instrument Co.
Farrand Controls, Inc.
Giddings & Lewis Machine Tool Co.
Hillyer Corp.
Hughes Products, Hughes Aircraft Co.
Industrial Controls Div.
Jordan Co., Inc., The
Magnasyn Mfg. Co., Ltd.
Mercuria Co.
National Automatic Tool Co., Inc.
Onsrud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Royal Industries, Inc.
Square D Co.
Stromberg-Carlson
Tracer Control Co.
True-Trace Sales Corp.
Warner & Swasey Co., The
Westinghouse Electric Corp.

CONTROL SYSTEMS, TRACER—81-032

Aaron Machinery Co., Inc.
Acc-U-Mat Machine Co.
Airborne Instruments Laboratory
Barer Engineering & Machinery Co., Ltd.
Bendix Industrial Controls Section
Black Rock Mfg. Co., The
Cleveland Hobbing & Machine Co.
Drillimation Co., Inc.
Electro-Autotizing Machine Corp.
Erinac Equipment Corp.
Expert Welding Machine Co.
Farrand Controls, Inc.
Fidelity Machine Tool Inc.
Gorton Machine Co., George
Hughes Products, Hughes Aircraft Co.
Industrial Controls Div.
Lodge & Shipley Co., The
Onsrud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Rockford Machine Tool Co.
Royal Industries, Inc.
Seneca Falls Machine Co.
Sigma Machinery, Inc.
Tracer Control Co.
Westinghouse Electric Corp.

**CONTROL, TEMPERATURE
(see Temperature Controls)**

CONTROLS, FEED—22-212

General Automation Corp.
Wintriss, Inc.

**CONTROLS, WELDING
(see Welding Controls)**

COOLANT SYSTEMS—12-118

Aetna Mfg. Co.
Bijur Lubricating Corp.
Custanite Corp., The
DeVilbiss Co., The
Dunham Tool Co., Inc., The
Lloyd Tool Corp.
Norgren Co., C. A.
Precise Prod. Corp.
Sealor Corp.
Starlite Industries, Inc.
Thompson & Son Co., Henry G., The
Trico Fuse Mfg. Co.
Trinity Tool Co.

COOLANTS—04-050

Aldridge Industrial Oils, Inc.
Anderson Oil & Chemical Co., Inc.
Aviation Lubricants Co., Inc.
Cliff Sales Co.
Adam Cook's Sons, Inc.
DeWalt Div.
Diamond Tool Co., A. I. T.
DoAll Co., The
du Pont de Nemours & Co., Inc., E. I.
Esso Standard Oil Co.
Houghton & Co., E. F.
International Chemical Co., Inc.
Johnson & Son, Inc., S. C.
Kerna Co., L. R.
Macco Products Co., The
Master Chemical Corp.
Metalloid Corp.

Metal Lubricants Co.
Michigan Tool Co.
Micromatic Hone Corp.
Miller Corp., Harry
National Refining Co., Div. Ashland
Oil & Refining Co.
Park Chemical Co.
Precise Products Corp.
Rolett Tools & Die Mfg.
Rust-Lick, Inc.
Sanson & Sons, Inc., Henry E.
Shell Oil Co.
Socony Mobil Oil Co.
Stadoli Mfg. Co.
Starlite Industries, Inc.
Stuart Oil Co., Ltd., D. A.
Super-Cut, Inc.
Texas Co., The
Thompson & Son Co., Henry G., The
United Laboratories, Inc.
White & Bagley Co., The

COPPER, BRASS, BRONZE—02-020

American Brass Co., The
American Smelting & Refining Co.
Ampeco Metal, Inc.
Baldwin-Lima-Hamilton Corp., Eddystone Div.
Belmont Smelting & Refining Works, Inc.
Beryllium Corp., The
Bridgeport Brass Co.
Bristol Brass Corp., The
Brush Beryllium Co., Pennroid Div., The
Bunting Brass & Bronze Co., The
Bushings, Inc.
Centrifugally Cast Products Div., The
Shenango Furnace Co.
Chase Brass & Copper Co.
Haynes Stellite Co.
Indiana Copper Corp.
Janney Cylinder Co.
Johnson Bronze Co.
Little Falls Alloys, Inc.
Mallory & Co., Inc., P. R.
Miller Co., The
Mueller Brass Co.
Renewal Service, Inc.
Revere Copper and Brass, Inc.

CORE DRILLS (see Core & Spade Drills)

**COUNTERBORES & SPOTFACING
TOOLS—13-134**

Alco Tool Co., The
Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beaver Tool & Engineering Corp.
Besly-Welles Corp.
Bicknell-Thomas Co.
Brubaker Tool Corp.
Buoi Machine Co., The
Carbide Tools, Inc.
Chicago Latrobe
Cleveland Twist Drill Co., The
Cleveland Cutter & Reamer Co.
Clark Co., Robert H.
Coffey-Cummins Mfg. Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
Dixie Tool Industries
DoAll Co., The
Eclipse Counterbore Co.
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Gairing Tool Co.
Genesee Mfg. Co.
Glenbard Tool Mfrs., Inc.
Glenzer Co., J. C., The
Haskins Co., H. G.
Haynes Stellite Co.
Illinois Tool Works
King-Lindstrom Co.
Lund Mfg. Co.
Madison-Reico Tool Co.
Masterform Tool Co.
Medio Co., The
Metal Cutting Tools, Inc.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Tool Co.
National Twist Drill & Tool Co.
Nobur Mfg. Co.
Pratt & Whitney Co., Inc.
Price & Rutzebeck

PRODUCTS

COUNTERBORES & SPOTFACING TOOLS—13-134 (cont.)

Productive Tool Service, Inc.
Providence Tool Co., Inc.
Putnam Tool Co.
Rotary Tool Industries, Inc.
Rutland Tool Service
S & E Machine Products, Inc.
Schmarje Tool Co.
Schmidt Co., R. L.
Scully-Jones & Co.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Staples Tool Co., The
Strand Flexible Shaft, Inc., N. A.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
U. S. Carbide Tool, Inc.
Union Twist Drill Co.
Waukesha Cutting Tools, Inc.
Weldon Tool Co., The
Wendt-Sonis Co.
Wesson Company
Wetmore Tool & Engineering Co.
Whitman & Barnes
Willey's Carbide Tool Co.
Woodruff & Stokes Co., Inc.

COUNTERSINK HOLDERS & PILOTS—12-160

Metal Cutting Tools, Inc.
Micro-Limit Prod., Inc.

COUNTERSINKS & CHAMFERING TOOLS—13-133

Aleo Tool Co., The
Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp.
Bicknell-Thomas Co.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Chicago Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Coffey-Cummings Mfg. Co.
Cogsdill Tool Products, Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
Dixie Tool Industries
DoAll Co., The
Eclipse Counterbore Co.
Elgin National Watch Co.
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Ford Mfg. Co., Inc., M. A.
Gairing Tool Co.
General Hardware Mfg. Co., Inc.
Genesee Mfg. Co.
Glenhard Tool Mfrs., Inc.
Glenzer Co., J. C., The
Grobet File Co. of AM., Inc.
Haskins Co., R. G.
Heller Tool Co.
Illinois Tool Works
Jarvis Corp.
King-Lindstrom Co.
Madison Industries, Inc.
Madison-Reico Tool Co.
Martindale Electric Co.
Masterform Tool Co.
Metal Cutting Tools, Inc.
Metal Removal Co., The
Morse Twist Drill & Machine Co.
National Tool Co.
National Twist Drill & Tool Co.
Nobur Mfg. Co.
Pratt & Whitney Co., Inc.
Precision Twist Drill & Mach. Co.
Productive Tool Service, Inc.
Quality Tool Works, Inc.
Rotary Tool Industries, Inc.
Rutland Tool Service
S & E Machine Products, Inc.
Schmarje Tool Co.
Schmitt Co., R. L.
Scully-Jones & Co.
Severance Tool Industries, Inc.
Special Drill & Reamer Corp.
Strand Flexible Shaft, Inc., N. A.
Twentieth Century Mfg. Co.
U. S. Carbide Tool, Inc.
Union Twist Drill Co.

Universal Engineering Co.
Weldon Tool Co., The
Wendt-Sonis Co.
Wetmore Tool & Engineering Co.
Whitman & Barnes
Willey's Carbide Tool Co.
Woodruff & Stokes Co., Inc.

COUNTERSINKS, PORTABLE, ELECTRIC—73-040

DoAll Co., The
Metal Cutting Tools, Inc.
Millers Falls Co.
Special Drill & Reamer Corp.
Thor Power Tool Co.

COUNTERSINKS, PORTABLE, PNEUMATIC—71-040

Cleco Div.
Metal Cutting Tools, Inc.
Quackenbush Co., A. B.
Special Drill & Reamer Corp.
Thor Power Tool Co.

COUNTING DEVICES—83-034

Eagle Signal Corp.
Dittmers-Freimuth Corp.
General Controls Co.
Veeder-Root, Inc.

COUPLINGS, MECHANICAL—83-016

Ajax Flexible Coupling Co., Inc.
Atlas Chain & Mfg. Co.
Charles Bond Co.
Buffalo Machinery Co., Inc.
Bushings, Inc.
Chain Belt Co.
Chicago Tool & Engineering Co.
Dodge Mfg. Corp.
Engineering Research Associates
Flaton Machine Works, Inc.
Flexonics Corp.
Foote Bros. Gear & Mach. Corp.
Foredom Electric Co., Inc.
Link-Belt Co.
Morse Chain Co.
Pic Design Corp.
Ryersford Foundry & Machine Co., Inc.
Sier-Bath Gear & Pump Co.
Thomas Flexible Coupling Co.
Walker Co., Inc., O. S.

COUPLINGS, THREADED—91-015

Brunner & Lay, Inc.
Bultool Co.
Chicago Tool & Engineering Co.
Flexonics Corp.
Harrisburg Steel Co., Div. Harsee Corp.
Jergens Tool Specialty Co.
Schrader's Son, S.
Standard Shop Equipment Co.
Thor Power Tool Co.
United States Rubber Co.
Wiggins Oil Tool Co., Inc., E. B.

COVERS, SLEEVE OR BOOT—83-082

A & A Mfg. Co.
Central Safety Equip. Co.
Integral Eng. Co.

COVERS, WAY—83-081

Can-Pro Corp.
Futurmill, Inc.
Tool Supply Co.

CRADLES, COIL—22-120

Aaron Machinery Co., Inc.
Acme-Danneman Co., Inc.
Automatic Feed Co.
Benchmark Mfg. Co.
Bliss Co., E. W.
Cooper Weymouth, Inc.
Danly Machine Specialties, Inc.
Durant Tool Co.
Fidelity Machine Tool, Inc.
Kane & Roach, Inc.
La Bahn Roll Feed Corp.
Littell Machine Co., F. J.
McKay Machine Co., The
Mesta Machine Co.
Rowe Machinery & Mfg. Co.
Sesco, Inc.
Special Engineering Service, Inc.
Tishken Products Co.
United Machinery Sales Co.
U. S. Tool Co., Inc.
Vau-Blast Co., Inc.
Wean Equipment Corp.

CRANES—94-020

Christholm-Moore Hoist Div.
Electro-Lift, Inc.
Harnischfeger Corp.
Manning, Maxwell & Moore, Inc.
Reading Crane & Hoist Corp.
Star Machine & Tool Co.

CURVES & TEMPLATES—74-036

Brown & Sharpe Mfg. Co., Industrial Products Div.
Charles Bruning Co., Inc.
Furane Plastics, Inc.
Payne Tool and Engineering Co., The
Pic Design Corp.
Vamco Machine & Tool, Inc.

CUSHIONS, BOLSTER, LIQUID SPRING—22-083

Taylor Devices, Inc.

CUSHIONS, BOLSTER, PNEUMATIC—22-081

Bliss Co., E. W.
Bliss Co., E. W.
Clearing Div. of U. S. Industries
Cleveland Punch & Shear Works Co., The
Danly Machine Specialties, Inc.
Federal Machine & Welder Co., The
Niagara Machine & Tool Works
Oliver Corp., A. B. Farquhar Div., The
Verson Allsteel Press Co.

CUSHIONS, BOLSTER, SPRING—22-082

Bliss Co., E. W.
Clearing Div. of U. S. Industries
Federal Machine & Welder Co., The
Johnson & Son, Inc., S. C.
Queens Tool Mfg. Co., Inc.
Special Drill & Reamer Corp.

CUTOFF BLADES (see Blades, Cutoff)

CUTOFF MACHINES, ABRASIVE—11-174

Aaron Machinery Co., Inc.
Abbey Etna Machine Co.
Allison-Campbell Div., American Chain & Cable Co., Inc.
Allison-Campbell Div., American Chain & Cable Co., Inc.
American Instrument Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Beaver Pipe Tools, Inc.
Bentley Industrial Corp.
Carborundum Co., The
Cincinnati Electrical Tool Co., The
Collins Machinery Corp.
Daco Metal Products
Delta Power Tool Div., Rockwell Mfg. Co.
de Sanno & Son, Inc., A. P.
Hisey-Wolf Machine Co., The
Ingersoll-Rand Co.
Kahle Engineering Co.
Kenco Mfg. Co.
Loma Machine Mfg. Co., Inc.
Max Mfg. Co.
Porter-McLeod Machine Tool Co., Inc.
Rolett Tools & Die Mfg.
Ryerson & Son, Inc., Joseph T.
Skil Corp.
Smith & Son, Inc., James
Standard Electrical Tool Co., The
Stone Machinery Co., Inc.
Tabor Mfg. Co., The
Tannewitz Works, Inc., The
Telemat Corp.
Ty-Sa-Man Machine Co.
Victor Engineering Corp.
Walker-Turner Div.
Wallace Supplies Mfg. Co.

CUTOFF MACHINES, BAND SAW—11-173

Aaron Machinery Co., Inc.
Armstrong-Blum Mfg. Co.
Barer Engineering & Machinery Co., Ltd.
Boice-Crane Co.
Burke Porter Machinery Co.
Covel Mfg. Company
DoAll Co., The
Famco Machine Co.
Famco Machine Co.
Grob, Inc.
Ideal Tool & Die Co., Inc.
Kalamazoo Tank & Silo Co.

CUTOFF MACHINES, BAND SAW—11-173 (cont.)

Laidlaw, Inc., William
Mercuria Co.
Peerless Machine Co.
Roll-In Saw Co.
Ryerson & Son, Inc., Joseph T.
S & S Machinery Co.
Tannowitz Works, Inc., The
Thompson & Son Co., Henry G., The
United Machinery Sales Co.
Walker-Turner Div.
Wells Mfg. Corp.
Wells & Sons, W. F.

CUTOFF MACHINES, LATHE TYPE—11-241

Modern Machine Tool Co.
Bardons & Oliver, Inc.

CUTOFF MACHINES, MANUAL—21-182

Lewthwaite Machine Co., Inc., T. H.

CUTOFF MACHINES, MECHANICAL—21-181

Abbey Etna Machine Co.
Alpha Press & Machine, Inc.
American Roller Die Corp.
Dahlstrom Machine Works, Inc.
Griede Industries, Inc.
Kane & Roach, Inc.
Mettler Machine Tool, Inc.
Novi Tool & Machine Co.
Oster Mfg. Co., The
Patterson Machine Co., Geo. C., The
Sheffield Corp., The
Tishken Products Co.
Vegol Tool & Die Corp.

CUTOFF MACHINES, PIPE—11-242

Beaver Pipe Tools, Inc.
Continental Machine Co.
Landis Machine Co.
Pipe Machinery Co., The
Ridge Tool Co., The
Spittler, Inc., Henry A.
Steel Prod. Engineering Co.
Steffan Mfg. Corp.
Yoder Co., The

CUTOFF WHEELS—13-055

A. I. T. Diamond Tool Co.
Aaron Machinery Co., Inc.
Allison-Campbell Div., American
Chain & Cable Co., Inc.
American Emery Wheel Works
American Instrument Co., Inc.
Bay State Abrasive Products Co.
Behr-Manning Co.
Carborundum Co., The
Chicago Wheel & Mfg. Co.
Consolidated Diamond Tool Corp.
Cortland Grinding Wheels Corp.
de Sanno & Son, Inc., A. P.
Diamond Productions, Inc.
Electro Refractories & Abrasives Corp.
Fuller Merriam Co., The
Hanson Co.
International Abrasive Corp.
Macklin Co.
Mid-West Abrasive Co.
National Grinding Wheel Co., Inc.
Norton Co., Abrasive Div.
Pacific Grinding Wheel Co., Inc.
Pekay Abrasives, Inc.
Peninsular Grinding Wheel, Div. Abrasive
& Metal Products Co.
Precise Products Corp.
Precision Grinding Wheel Co., Inc.
Raybestos-Manhattan, Inc.
Robertson Mfg. Co.
Simonds Abrasive Co.
Sterling Grinding Wheel Co.
Stone Machinery Co., Inc.
Tabor Mfg. Co., The
Valley Forge Grinding Wheel Co.
Victor Engineering Corp.
Vitrified Wheel Co.
Walker-Turner Div.

CUTTERS, GEAR SHAPER—13-141

F & D Tool Co., Inc.
Fellows Gear Shaper Co., The
Illinois Tool Works
National Twist Drill & Tool Co.

CUTTING EQUIPMENT, ARC—51-037

Air Reduction Sales Co.

Acros Corp.
Eutectic Welding Alloys Corp.
Harnischfeger Corp.
Hobart Brothers Co.
Linde Co.
Tweco Products, Inc.

CUTTING EQUIPMENT, FLAME—51-038

Air Reduction Sales Co.
Air Reduction Sales Company
Dockson Corp.
Heath Engineering Co.
Linde Co.
Nickelson Tool & Die Co., Inc.
Smith Welding Equip. Corp.
Staats & Staats, Inc.
Steffan Mfg. Corp.
Weldit, Inc.
Westinghouse Electric Corp.

CUTTING FLUIDS, ADDITIVES (see Additives, Cutting Fluids)

CYLINDERS, HYDRAULIC—82-040

AAA Mfg. Co., Inc.
Acme Industrial Co.
Airmatic Valve, Inc.
Alkon Products Corp.
Allenair Corp.
Barnes Corp., John S.
Bellows Co., The
Bendix-Westinghouse Automotive Air
Brake Co.
Berthelsen Engrg. Works, Inc.
Blackhawk Mfg. Co.
Bliss Co., E. W.
Carter Controls, Inc.
Centrifugally Cast Products Co., The
Shenango Furnace Co.
Clearing Div. of U. S. Industries
Clifton Hydraulic Press Co.
Clippard Instrument Lab., Inc.
Collins Machinery Corp.
Commercial Shearing & Stamping Co.
Curtis Mfg. Co.
Dake Corp.
Danly Machine Specialties, Inc.
Die-Draulic Grip, Inc.
Dukes Co., Inc.
Federal Machine & Welder Co., The
Hanna Engineering Works
Hannifin Co.
Hydro-Line Mfg. Co.
Hydraulic Press Mfg. Co., The
Lapeer Mfg. Co.
Ledeon, Inc., Ledeon Mfg. Div.
Lee Engineering Co.
Lehigh, Inc.
Lempeo Industrial, Inc.
Lindberg Air & Hydraulic Div., Teer-
Wickwire & Co.
Logansport Machine Co., Inc.
Lynair, Inc.
M & N Modern Hydraulic Press Co., Inc.
Manzel, Inc.
Miller Fluid Power Div.
Modernair Corp.
Newton Hydraulic Tooling Co.
Nopak Div., Galland-Henning Mfg. Co.
Oil-Dyne, Inc.
Oilgear Co., The
Ortman-Miller Machine Co., Inc.
Palley Supply Co.
Pathon Mfg. Co.
Petch Mfg. Co.
Production Devices, Inc.
Rayflex Co., Inc.
Rivett Lathe & Grinder, Inc.
Rodgers Hydraulic, Inc.
Rotary Life Co.
S-P Mfg. Corp., The
Sesco, Inc.
Sheffer Corp., The
Snow Mfg. Co.
Thompson Mfg. Co., Earl A.
Tomkins-Johnson Co., The
True-Trace Sales Corp.
Union Mfg. Co.
Unit Mfg. Co.
Valvair Corp.
Vard, Inc.
Vickers, Inc.
Walker-Turner Div.
Wellman Engineering Co., The
Wilson, Inc., K. R.
Wilton Tool Mfg. Co., Inc.

CYLINDERS, PNEUMATIC—82-030

AAA Mfg. Co., Inc.
Adams Equipment
Airmatic Valve, Inc.
Air-Mite Devices, Inc.
Alkon Products Corp.
Allenair Corp.
Automatic Valve Co.
Beckett-Harcum Co., The
Bellows Co., The
Bendix-Westinghouse Automotive Air
Brake Co.
Bliss Co., E. W.
Burklyn Co.
Cardinal Machine Co.
Carter Controls, Inc.
Centrifugally Cast Products Div., The
Shenango Furnace Co.
Cleveland Pneumatic Industries, Inc.
Clifton Hydraulic Press Co.
Clippard Instrument Lab., Inc.
Curtis Mfg. Co.
Cushman Chuck Co., The
Electro-Mechano Co., The
Erickson Tool Co.
Federal Machine & Welder Co., The
Hanna Engineering Works
Hannifin Co.
Heinrich Tools, Inc.
Husky Air Devices
Hydraulic Press Mfg. Co., The
Hydro-Line Mfg. Co.
Lapeer Mfg. Co.
Ledeon, Inc., Ledeon Mfg. Div.
Lehigh, Inc.
Lindberg Air & Hydraulic Div., Teer-
Wickwire & Co.
Logansport Machine Co., Inc.
Lynair, Inc.
Mead Specialties Co., Inc.
Midland-Ross Corp.
Miller Fluid Power Div.
Modernair Corp.
Nopak Div., Galland-Henning Mfg. Co.
Oil-Dyne, Inc.
Ortman-Miller Machine Co., Inc.
Palley Supply Co.
Pathon Mfg. Co.
Petch Mfg. Co.
Production Devices, Inc.
Rayflex Co., Inc.
Rivett Lathe & Grinder, Inc.
Rytex Punch Co., Inc.
Royal Oak Tool & Machine Co., Grinder
Div.
S-P Mfg. Corp., The
Sahlin Engineering Co., Inc.
Schrader's Son, A.
Sheffer Corp., The
Skinner Chuck Co., The
Snow Mfg. Co.
Taylor-Winfield Corp.
Tomkins-Johnson Co., The
True-Trace Sales Corp.
Union Mfg. Co.
Unit Mfg. Co.
Valvair Corp.
Van Products Co.
Vard, Inc.
Wellman Engineering Co., The
Westinghouse Air Brake Co., Industrial
Products Div.
Wilton Tool Mfg. Co., Inc.

DEBURRING MACHINES—49-010

AMF Tool Div., American Machine
Foundry Co.
Accord Tool & Machine, Inc.
Acme Mfg. Co.
Almco, Queens Products Div.
B & E Mfg. Co., Inc.
BMT Mfg. Corp.
Baird Machine Co., The
Barber-Colman Co.
Branson Instruments, Inc.
Brown & Sharpe Mfg. Co., Machine Tool
Div.
Cincinnati Electrical Tool Co., The
Clair Mfg. Co., Inc.
Columbia International Corp.
Cross Co., The
Curtis Machine Div., The Carborundum
Co.
Fidelity Machine Tool Inc.
Foredom Electric Co., Inc.
Grav-I-Flo Corp., The
Hammond Machinery Builders, Inc.

PRODUCTS

DEBURRING MACHINES—49-010 (cont.)

Hause Machine, Inc.
Hill, Inc., Walter P.
Hufford Corp., The
Hypneumat, Inc.
Industrial Metal Products Corp.
Lamb Co., F. Jos.
Leonard Precision Products Co.
Lewis Machine Co., The
Lord Chemical Corp.
Martindale Electric Co.
Mecha-Finish Corp.
Metal Finish, Inc.
Metal Parts Sales Co.
Mido Products
Model Machine Co., Inc.
Modern Industrial Engineering Co.
Munzing & Munzing, Inc.
Murray-Way Corp.
Orban Co., Inc., Kurt
Osborn Mfg. Co., The
Packer Machine Co., The
Pines Engineering Co., Inc.
Roto-Finish Co.
Ryman Engineering Co.
Schauer Mfg. Corp.
Sheffield Corp., The
Sigwel Corp.
Speed-D-Burr Corp.
Stevens, Inc., Frederic B.
Strand Flexible Shaft, Inc., N. A.
Swift Ohio Corp.
Techline Div.
Thompson Mfg. Co., Earl A.
Trio Tool Co.
Universal-Universal Corp.
Vapor Blast Mfg. Co.
Wallace Supplies Mfg. Co.
Wheelabrator Corp.

DEBURRING TOOLS—49-030

Acme Tool Corp.
American Carbide Co.
American Cutter & Engineering Corp.
Atrax Co., The
B & W Precision Products Co.
Brightboy Industrial Div.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Buckeye Tools Corp.
Chicago-Latrobe
Cogsdill Tool Products, Inc.
Crafts Co., Inc., Arthur A.
Dixie Tool Industries
DoAll Co., The
Elgin National Watch Co.
Falcon Tool Co.
Ford Mfg. Co., Inc., M. A.
Foredom Electric Co., Inc.
Gardner-Denver Co.
Genesee Mfg. Co.
Grobet File Co. of AM., Inc.
Haskins Co., R. G.
Jarvis Corp.
Leonard Precision Products Co.
Madison-Relco Tool Co.
Martindale Electric Co.
Metal Parts Sales Co.
Metal Removal Co., The
Nobur Mfg. Co.
Pines Engineering Co., Inc.
Flew Tool Corp.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Rotary Tool Industries, Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Service File Sharpening Co.
Severance Tool Industries, Inc.
Simonds Saw & Steel Co.
Starlite Industries, Inc.
Strand Flexible Shaft, Inc., N. A.
Universal Engineering Co.
Vernon Devices, Inc.
Walker-Turner Div.
Weldon Tool Co., The

DECREASERS—44-010

Aaron Machinery Co., Inc.
Baron Chemical Products Co.
Barrett Co., Leon J., The
Blakeslee & Co., G. S.
Branson Instruments, Inc.
Chemical Development Corp.
Circo Equipment Co.
Detrex Chemical Industries, Inc.
DeVilbiss Co., The
du Pont de Nemours & Co., Inc., E. I.

Fortoria Pressed Steel Corp., The
Gunk Laboratories, Inc., The
Industrial Washing Machine Corp.
Magnus Chemical Co., Inc.
Mahon Co., R. C., The
Metalwash Machinery Corp.
Miller Corp., Harry
Munzing & Munzing, Inc.
Narda Ultrasonics Corp., The
National Ultrasonic Corp.
Phillips Mfg. Co.
Sta-Warm Electric Co.

DEMAGNETIZERS—62-021

Acme Tool Corp.
Annis Co., R. B.
Blanchard Machine Co.
Crucible Steel Co. of America
Esco Products Div.
Electro-Matic Products Co.
Enco Mfg. Co.
Ideal Industries, Inc.
L-W Chuck Co.
Lufkin Rule Co.
Luma Electric Equipment Co., The
Magnaflux Corp.
Magnetic Analysis Corp.
Magnetic Analysis Corp.
Martindale Electric Co.
National Diamond Laboratory
Penniman Co., Eliza
Roto-Finish Co.
Taft-Feirce Mfg. Co., The
Walker Co., Inc., O. S.

DIAMOND ABRASIVES—04-011

A. I. T. Diamond Tool Co.
Abrasive Dressing Tool Co.
Ace Abrasive Laboratories, Inc.
American Diamond Tool Corp.
American Diamond Tool & Gage Co.
Apex Diamond Tool Co.
Daub Bros. Co.
Dessau Co., Inc., Maurice S.
Elgin National Watch Co.
Engis Equipment Co.
Last Word Sales Co.
National Diochemical Co.
Neuber Industrial Diamond Co.
Penn Scientific Prod. Co.
Smit & Co., Inc., Anton
Smit & Sons, Inc., J. K.
Stadoll Mfg. Co.
Standard Diamond Tool Corp.
Superior Abrasive Laboratories, Inc.
Wheel Trusing Tool Co.

DIAMOND GRINDING WHEELS (see Grinding Wheels, Diamond)

DIAMOND TURNERS—12-178

Cleveland Industrial Tool Corp.
Wheel Dressing, Inc.

DIAMOND WHEELS (see Grinding Wheels, Diamond)

DIE CASTING EQUIPMENT (see Casting Equipment, Die)

DIE HANDLERS (see Handlers, Die)

DIE HEADS, RADIAL—13-111

Beaver Pipe Tools, Inc.
Chaco Tool Co., Inc., The
Eastern Machine Screw Corp.
Geometric-Horton, Div. of United-Greenfield Corp.
Hill Acme Co., The
Jones & Lamson Machine Co.
Oster Mfg. Co., The
Rickert-Shafer Co.
Sheffield Corp., The

DIE HEADS, TANGENTIAL—13-112

Geometric-Horton, Div. of United-Greenfield Corp.
Hill Acme Co., The
Jones & Lamson Machine Co.
Landis Machine Co.
Oster Mfg. Co., The
Sheffield Corp., The

DIE SECTIONS, CARBIDE EDGED—23-042

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.

American Carbide Co.
Carbide, Inc.
Carbide Tools, Inc.
Commando Tool Co., Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Holmberg & Co., Inc., August W.
Jaquith Carbide Div., Pratt & Whitney Co., Inc.
Lamina Dies & Tools, Inc.
Madison-Relco Tool Co.
Metallurgical Products Dept., General Electric Co.
Meyers Co., W. F.
Oberg Mfg. Co., Inc.
Schmarje Tool Co.
Schmitt Co., R. L.
Shaker Tool & Die Co.
Sintercast Corp. of America
Stein & Co., Inc., Wm. P.
Tungsten Alloy Mfg. Co., Inc.
U. S. Carbide Tool, Inc.
Valenite Metals Div.
Vamco Machine & Tool, Inc.
Vascoloy-Ramet Corp.

DIE SECTIONS, STEEL—23-041

Allegheny Ludlum Steel Corp.
Campbell Contour Attachment Co., Inc.
Century Detroit
Commando Tool Co., Inc.
Composite Forgings, Inc.
Connecticut Tool & Engineering Co.
Crucible Steel Co. of America
Dayton Carbide Tool Co., Inc.
DeKalb Precision Industries
Distel Tool & Machine Co.
Future Products Tool Corp.
Greenfield Tap & Die
Hanlo Gage Co.
Holmberg & Co., Inc., August W.
Hovis Screwlock Co.
Jaquith Carbide Div., Pratt & Whitney Co., Inc.
Jessop Steel Co. #
Kartarik, Inc.
Lamina Dies & Tools, Inc.
Loeffel Co., Inc., Arthur, The
Mercury Tool & Die Co., Inc.
Oberg Mfg. Co., Inc.
Ohio Knife Co., The
Richard Brothers Punch Div.
Royal Oak Tool & Machine Co., Grinder Div.
Standard-Modern Tool Co., Ltd.
Stein & Co., Inc., Wm. P.
Vamco Machine & Tool, Inc.
Vanadium-Alloys Steel Co.
Whistler & Sons, Inc., S. B.

DIE SETS—22-010

Acme-Danneman Co., Inc.
American Standard Co.
Bliss Co., E. W.
Bliss Co., E. W.
Campbell Countour Attachment Co., Inc.
Cyril Bath Co., The
Danly Machine Specialties, Inc.
Detroit Die Set Corp.
Die Supply Div., E. W. Bliss Co.
Durable Punch & Die Co.
Greenfield Tap & Die
Heppenstall Co.
Hirschmann Co., Inc., Carl
Industrial City Boring Co.
Lemert Engineering Co., Inc.
Loeffel Co., Inc., Arthur, The
Metal Carbides Corp.
Oberg Mfg. Co., Inc.
O'Neill-Irwin Mfg. Co.
Pacific Industrial Mfg. Co.
Payne Tool and Engineering Co., The
Porter Precision Products
Pratt & Whitney Co., Inc.
Producto Machine Co., The
Queens Tool Mfg. Co., Inc.
Ryerson & Son, Inc., Joseph T.
Seewald, Inc.
Speedex Precision Products
Standard Die Set Co.
Superior Steel Products Corp.
Taylor-Winfield Corp.
U. S. Tool Co., Inc.
Union Mfg. Co.
Wales Stripit, Inc.
Waltham Machine Works, Inc.

DIE SINKERS (see Milling Machines, Die Sinkers)

DIEING MACHINES, PRESSES
(see Presses, Dieing Machines)

DIES & PUNCHES (see Punches & Dies)

DIES, EXTRUSION—23-120

American Carbide Co.
B-M-S Carbide Specialties, Inc.
Barth Corp., The
Campbell Contour Attachment Co., Inc.
Carbide Tools, Inc.
Clearing Div. of U. S. Industries
Connecticut Tool & Engineering Co.
Extrusions, Inc.
Harig Mfg. Corp.
Heppenstall Co.
Holmberg & Co., Inc., August W.
Industrial City Boring Co.
Jaquith Carbide Div., Pratt & Whitney Co., Inc.
L & H Die & Tool Co., Inc.
Lake Erie Machinery Corp.
Loeffel Co., Inc., Arthur, The
Metal Carbides Corp.
Metallurgical Products Dept., General Electric Co.
Middlestadt Machine Co., The
Mutual Machine Co., Inc.
Payne Tool and Engineering Co., The
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Snow Mfg. Co.
Staats & Staats, Inc.
Tietzmann Tool Corp.
Vac Alloys, Inc.
Vameco Machine & Tool, Inc.
Version Allsteel Press Co.
Willey's Carbide Tool Co.

DIES, FORGING—23-100

American Carbide Co.
Campbell Contour Attachment Co., Inc.
Clearing Div. of U. S. Industries
Commercial Die Co.
Erinac Equipment Corp.
Extrusions, Inc.
Heppenstall Co.
Industrial City Boring Co.
Lake Erie Machinery Corp.
Payne Tool and Engineering Co., The
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Staats & Staats, Inc.
Vac Alloys, Inc.
Vameco Machine & Tool, Inc.
Version Allsteel Press Co.

DIES, HEADER—23-090

American Carbide Co.
B-M-S Carbide Specialties, Inc.
Commercial Die Co.
Dayton Perforators, Inc.
Firth Sterling, Inc.
Furane Plastics, Inc.
Jaquith Carbide Div., Pratt & Whitney Co., Inc.
L & H Die & Tool Co., Inc.
Madison-Reico Tool Co.
Metal Carbides Corp.
Metallurgical Products Dept., General Electric Co.
Parker-Hartford Corp., The
Plew Tool Corp.
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co., Grinder Div.
S & E Machine Products, Inc.
Staats & Staats, Inc.
Trio Tool Co.
Vameco Machine & Tool, Inc.
Willey's Carbide Tool Co.

DIES, MARKING—23-170

Acromark Co., The
Cadillac Stamp Co.
Cunningham Co., M. E.
Dykem Co., The
Imperial Stamp & Engraving Co.
Markem Machine Co.
Matthews Co., Jas. H.
New Method Steel Stamps, Inc.
Noble & Westbrook Mfg. Co., The
Wright & Sons, Greg G.

DIES, METAL POWDER FORMING—35-030
Accord Tool & Machine, Inc.

B-M-S Carbide Specialties, Inc.
L & H Tool & Die Co., Inc.

DIES, SWAGING (see Swaging Dies)

DIES, THREADING—13-113

Armstrong Bros. Tool Co.
Bay State Tap & Die Co.
Beaver Pipe Tools, Inc.
Brubaker Tool Corp.
Card Div., S. W.
Chaso Tool Co., Inc., The
DoAll Co., The
Errington Mechanical Laboratory, Inc.
Geometric-Horton, Div. of United-Greenfield Corp.
Greenfield Tap & Die
Hill Acme Co., The
Hy-Pro Tool Co.
Jerpak-Bayless Co.
Jones & Lamson Machine Co.
Keystone Reamer & Tool Co.
Landis Machine Co.
Masters Precision Tools Co.
Metal Carbides Corp.
Mohr Tool & Mfg. Co.
National Acme Co., The
Oster Mfg. Co., The
Pottstown Machine Co.
Pratt & Whitney Co., Inc.
Pruett Corp.
Rickert-Safer Co.
Sheffield Corp., The
Standard Pressed Steel Co.
Standard Tool Co.

DIES, UPSETTING—23-110

Amco Machine & Tool, Inc.
Commercial Die Co.
L & H Die & Tool Co., Inc.
Payne Tool and Engineering Co., The
Pipe Machinery Co., The
Royal Oak Tool & Machine Co., Grinder Div.
United Machinery Sales Co.

DIES, WIRE DRAWING—23-130

Adamas Carbide Corp.
American Carbide Co.
B-M-S Carbide Specialties, Inc.
Balloffet-Vianney Wire Die Co., Inc.
Carbide Tools, Inc.
Dayton Perforators, Inc.
DeKalb Precision Industries
Di-Tru Diamond Tool Co.
Fenn Mfg. Co., The
Firth Sterling, Inc.
Jaquith Carbide Div., Pratt & Whitney Co., Inc.
L & H Die & Tool Co., Inc.
Madison-Reico Tool Co.
Metallurgical Products Dept., General Electric Co.
New England Die Co., Inc.
Parker-Hartford Corp., The
Rayflex Co., Inc.
Ring Punch & Die, Inc.
Royal Oak Tool & Mach. Co., Grinder Div.
S & E Machine Products, Inc.
Vascoloy-Ramet Corp.
Willey's Carbide Tool Co.

DIP TANK CLEANING EQUIPMENT
(see Cleaning Equipment, Dip Tank)

DISCHARGE MACHINES
(see Electrical Discharge Machines)

DIVIDERS & SCRIBERS—74-031

Brown & Sharpe Mfg. Co., Industrial Products Div.
Bruning Co., Inc., Charles
Engineering Research Associates
General Hardware Mfg. Co., Inc.
Greist Mfg. Co., The
Lufkin Rule Co.
Machine Products Corp.
Main & Sons, Inc., Robert A.
Maynor Tool & Cutter Co., Inc.
Mercuria Co.
Mohawk File & Tool Co.
Starrett Co., L. S., The
Tubular Micrometer Co.

DIVIDING HEADS (see Heads, Dividing)

DOGS, GRINDING—12-051

Brown & Sharpe Mfg. Co., Industrial Products Div.
Ready Tool Co., The
Universal Engineering Co.

DOGS, LATHE—12-052

Armstrong Bros. Tool Co.
Billings & Spencer Co., The
South Bend Lathe Works
Williams & Co., J. H.

DOGS, MILLING—12-053

Armstrong Bros. Tool Co.
Burklyn Co.
Ready Tool Co., The
Williams & Co., J. H.

DOWEL PINS (see Pins, Dowel)

DRAFTING ACCESSORIES—92-014

Aqua Sportsman, Inc.
Bruning Co., Inc., Charles
Dietzgen Co., Eugene
Monsar Industries
Pic Design Corp.
Warren-Knight Co.

DRAFTING BOARDS & TABLES—92-011

Bruning Co., Inc., Charles
Dietzgen Co., Eugene
Emmert Mfg. Co.
Mayline Co., Inc.
Ozalid Div.
Standard Pressed Steel Co.
Warren-Knight Co.

DRAFTING INSTRUMENTS—92-013

Aero Service Corp.
Bruning Co., Inc., Charles
Dietzgen Co., Eugene
Engineering Research Associates
Ozalid Div.
Warren-Knight Co.

DRAFTING MACHINES & STRAIGHT EDGES—92-012

Aero Service Corp.
Aqua Sportsman, Inc.
American Standard Co.
Bachman Co., Inc., Eric R.
Bruning Co., Inc., Charles
Dietzgen Co., Eugene
Emmert Mfg. Co.
Mayline Co., Inc.
Ozalid Div.
Starrett Co., L. S., The
Universal Drafting Machine Corp.

DRAWING COMPOUNDS
(see Compounds, Drawing)

DRAWING MACHINES, WIRE & BAR—21-140

Aaron Machinery Co., Inc.
Bachman Co., Inc., Eric R.
Fenn Mfg. Co., The
Kahle Engineering Co.
McKay Machine Co., The
United Machinery Sales Co.
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.

DRESSERS, WHEEL (see Wheel Dressers)

DRILL & REAMER BLANKS
(see Blanks, Drill & Reamer)

DRILL CHUCK ARBORS—12-176

Jacobs Mfg. Co., The
Supreme Products Corp.
Collis Co., The

DRILL JIGS, STANDARD—83-035

Accurate Bushing Co.
Siewek Tool Co.
Supercision Products
West Point Mfg. Co.

DRILL POINTING MACHINES—11-208
Black Diamond Saw & Machine Works, Inc.
Cawi Machine Co., Inc.

PRODUCTS

DRILL POINTING MACHINES (cont.)

Cincinnati Lathe & Tool Co.
Detroit Reamer & Tool Co.
Jersey Mfg. Co.
McDonough Mfg. Co.
Oliver Instrument Co.
Standard Electrical Tool Co., The

DRILL ROD (see Rod, Drill)

DRILL SPEEDERS, LATHE (see Speeders, Drill, Lathe)

DRILLING HEADS (see Heads, Drilling)

DRILLING MACHINES, AUTOMATIC—11-039

Carlson Machine Tool Co., The
Cleereman Machine Tool Corp.
Foote-Burt Co., The
Seneca Falls Machine Co.

DRILLING MACHINES, DEEP HOLE—11-037

Aaron Machinery Co., Inc.
Agnew Machine Co.
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Barer Engineering & Machinery Co., Ltd.
Barnes Co., W. F. and John
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co., Machine Tool Div.
Brush Machine Tool Co.
Burg Tool Mfg. Co., Inc.
Canton Tool Mfg. Co., The
Century Detroit
Commander Mfg. Co.
Cross Co., The
Delta Power Tool Div.
Drillmatic Co., Inc.
Drillunit, Inc.
Edlund Machy. Co.
Ex-Cell-O Corp.
Fidelity Machine Tool Inc.
Forney's, Inc.
General Tool Div., The
Hause Machine, Inc.
Hill, Inc., Walter P.
Hirschmann Co., Inc., Carl
Hypneumat, Inc.
Johansson Co., I. O.
Krueger-Barnes Corp.
LeBlond Machine Tool Co., R. K., The
Leland-Gifford Co.
Madison Industries, Inc.
Marac Machinery Corp.
Michigan Drill Head Co.
Morris Machine Tool Co.
Morton Mfg. Co.
National Automatic Tool Co., Inc.
Pratt & Whitney Co., Inc.
Russell, Holbrook & Henderson, Inc.
Seewald, Inc.
Stanley Sheppard
Sigma Machinery, Inc.
Simplex Machine Tool Corp.
Snow Mfg. Co.
Standard-Modern Tool Co., Ltd.
United Machinery Sales Co.

DRILLING MACHINES, GUN—11-040

Edlund Machinery Co.

DRILLING MACHINES, HORIZONTAL—11-032

Carlson Machine Tool Co., The
Kaukauna Div.

DRILLING MACHINES, LAYOUT—11-041

Edlund Machinery Co.
Green Instrument Co., Inc.
Wales Strippit, Inc.
Wiedemann Machine Co.

DRILLING MACHINES, MULTIPLE SPINDLE—11-035

Aaron Machinery Co., Inc.
Agnew Machine Co.
Alina Corp.
Baker Brothers, Inc.
Barer Engineering & Machinery Co., Ltd.
Barnes Drill Co.
Barnes Co., W. F. and John
Beckett-Harcum Co., The

Bentley Industrial Corp.
Bodine Corp., The
Boice-Crane Co.
Brush Machine Tool Co.
Buckeye Tools Corp.
Buffalo Forge Co.
Buhr Machine Tool Co.
Burg Tool Mfg. Co., Inc.
Carney-Stansfield Co.
Century Detroit
Cincinnati Bickford Div.
Cincinnati Lathe and Tool Co.
Clausing Div., Atlas Press Co.
Cleereman Machine Tool Corp.
Cleveland Pneumatic Industries, Inc.
Cleveland Tapping Machine Co.
Commander Mfg. Co.
Conray Electro-Mechanical Corp.
Cross Co., The
Davis & Thompson Co.
Delta Power Tool Div., Rockwell Mfg. Co.

Drillmatic Co., Inc.
Drillunit, Inc.
Duro Metal Products Co.
Edlund Machy. Co.
Electro-Mechano Co., The
Errington Mechanical Laboratory, Inc.
Ettoo Tool & Machine Co., Inc.
Famco Machine Co.
Fidelity Machine Tool, Inc.
Foote-Burt Co., The
Forney's, Inc.
Fosdick Machine Tool Co., The
Fox Engineering Co.
George Machinery Co., James W.
Gilman, Inc., Russell T.
Globe Tapping Machine Co., The
Govro-Nelson Co.
Greenlee Bros. & Co.
Hamilton Tool Co., The
Hartford Special Machinery Co.
Hause Machine, Inc.
Hermes Machine Tool Co., Inc.
High Speed Hammer Co., Inc., The
Hill, Inc., Walter P.
Hoefler Mfg. Co.
Homestrand, Inc.
Hypneumat, Inc.
Industrial Metal Products Corp.
Ingersoll Milling Machine Co.
Johansson Co., I. O.
Johnson Drill Head Co.
Kaufman Mfg. Co.
Kingsbury Machine Tool Corp.
Krueger-Barnes Corp.
Lamb Co., F. Jos.
Leland-Gifford Co.
LeMaire Machine Tool Co.
Lennox Tool & Machine Builders
Masters Precision Tools Co.
Michigan Drill Head Co.
Modern Industrial Engineering Co.
Moline Tool Co.
Morris Machine Tool Co.
National Automatic Tool Co., Inc.
National Jet Co.
Olivetti Corp. of America, Machine Tool Div.
Orban Co., Inc., Kurt
Pottstown Machine Co.
Rehnberg-Jacobson Mfg. Co.
Russell, Holbrook & Henderson, Inc.
Secrest Machine Co.
Stanley Sheppard
Sibley Machine & Foundry Corp.
Sigma Machinery, Inc.
Simplex Machine Tool Corp.
Snow Mfg. Co.
Snyder Corp.
South Bend Lathe Works
Standard-Modern Tool Co., Ltd.
Swift Ohio Corp.
Thriftmaster Products Corp.
Townsend Mfg. Co., H. P., The
Trio Tool Co.
United Machinery Sales Co.
Universal-Automatic Corp.
Walker-Turner Div.
Western Machine Tool Works
Wisconsin Drill Head Co.
Zagar, Inc.

DRILLING MACHINES, RADIAL—11-034

Aaron Machinery Co., Inc.
American Tool Works Co., The
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co., Ltd.
Behr Machinery & Equipment Corp.
Boice-Crane Co.

British Machines & Foundry Supplies,

Ltd.
Brush Machine Tool Co.
Buck Mfg. Co.
Burg Tool Mfg. Co., Inc.
Carlton Machine Tool Co., The
Carney-Stansfield Co.
Cincinnati Bickford Div.
Cincinnati Bickford Div.
Cincinnati Gilbert Machine Tool Co.
Cincinnati Lathe and Tool Co.
Columbis International Corp.
Ekstrom Carlson & Co.
Farnham Div., Wiesner-Rapp Co., Inc., The
Fidelity Machine Tool Inc.
Foote-Burt Co., The
Fosdick Machine Tool Co., The
George Machinery Co., James W.
Hamilton Tool Co., The
Hermes Machine Tool Co., Inc.
Hill Machine Co.
Hill Machine Co.
Hirschmann Co., Inc., Carl
Homestrand, Inc.
Index Industrial Corp.
Johansson Co., I. O.
Krueger-Barnes Corp.
Lloyd Tool Corp.
Masters Precision Tools Co.
Morris Machine Tool Co.
Onarud Machine Works, Inc.
Ryerson & Son, Inc., Joseph T.
S & S Machinery Co.
Seewald, Inc.
Sheppard, Stanley
Sigma Machinery, Inc.
United Machinery Sales Co.
Veet Industries
Walker-Turner Div.
Western Machine Tool Works

DRILLING MACHINES, SENSITIVE—11-031

Aaron Machinery Co., Inc.
Alina Corp.
Barer Engineering & Machinery Co., Ltd.
Beckett-Harcum Co., The
Behr Machinery & Equipment Corp.
Bentley Industrial Corp.
Boice-Crane Co.
Buffalo Forge Co.
Burgmaster Corp.
Burg Tool Mfg. Co., Inc.
Carney-Stansfield Co.
Cincinnati Bickford Div.
Cincinnati Lathe and Tool Co.
Clausing Div., Atlas Press Co.
Cleveland Pneumatic Industries, Inc.
Dalzen Mfg. Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Derbyshire, Inc., F. W.
Dumore Co., The
Duro Metal Products Co.
Edlund Machy. Co.
Electro-Mechano Co., The
Famco Machine Co.
Fidelity Machine Tool Inc.
Foote-Burt Co., The
Fosdick Machine Tool Co., The
George Machinery Co., James W.
Hamilton Tool Co., The
Hartford Special Machinery Co.
High Speed Hammer Co., Inc., The
Hill Machine Co.
Hirschmann Co., Inc., Carl
Hypneumat, Inc.
Industrial Tool Service
Krueger-Barnes Corp.
Leland-Gifford Co.
Lennox Tool & Machine Builders
Levin & Son, Inc., Louis
Loeffel Co., Inc., Arthur, The
Masters Precision Tools Co.
Mico Instrument Co.
National Jet Co.
Olivetti Corp. of America, Machine Tool Div.
Pratt & Whitney Co., Inc.
Seewald, Inc.
Sibley Machine & Foundry Corp.
Sigma Machinery, Inc.
Sigourney Tool Co.
Sloan & Chace Mfg. Co., Inc.
Snow Mfg. Co.
Taylor Dynamometer & Machine Co.
Townsend Mfg. Co., H. P., The
Universal-Automatic Corp.
Von Arnaud Co., W.
Waltham Machine Works, Inc.
Waltham Machine Tool Works

DRILLING MACHINES, TURRET—11-036

Aaron Machinery Co., Inc.
Acme Industrial Co.
Alina Corp.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co., Ltd.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Brown & Sharpe Mfg. Co., Turret Drilling Div., Inc.
Brush Machine Tool Co.
Burg Tool Mfg. Co., Inc.
Burgmaster Corp.
Cincinnati Bickford Div.
Commander Mfg. Co.
Drillmatic Co., Inc.
Fidelity Machine Tool, Inc.
Hillyer Corp.
Jersey Mfg. Co.
Krueger-Barnes Corp.
Michigan Drill Head Co.
Seewald, Inc.
Sundstrand Machine Tool Co.

DRILLING MACHINES, UNITS—11-038

Agnew Machine Co.
Aikon Products Corp.
Aro Equipment Corp., The
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Barnes Drill Co.
Barnes Co., W. F. and John
Bedford Gear & Machine Products, Inc.
Bellows Co., The
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co., Turret Drilling Div., Inc.
Brush Machine Tool Co.
Buckeye Tools Corp.
Burklyn Co.
Carney-Stansfield Co.
Carroll & Shipley, Inc.
Century Detroit
Cincinnati Bickford Div.
Clausing Div., Atlas Press Co.
Conray Electro-Mechanical Corp.
Cross Co., The
Delta Power Tool Div., Rockwell Mfg. Co.
Drillmatic Co., Inc.
Drillunit, Inc.
Dumore Co., The
Edlund Machy. Co.
Electro-Mechano Co., The
Ettoo Tool & Machine Co., Inc.
Fox Engineering Co.
General Tool Div., The
Govro-Nelson Co.
Hartford Special Machinery Co.
Hauser Machine, Inc.
Heald Machine Co., The
Hofer Mfg. Co.
Hole Engineering Service
Hypneumat, Inc.
Jarvis Corp.
Johansson Co., I. O.
Johnson Drill Head Co.
Kearney & Trecker Corp.
Kingsbury Machine Tool Corp.
Krueger-Barnes Corp.
Lamb Co., F. Jos.
Leland-Gifford Co.
Le Maire Machine Tool Co.
Lindner Engineering & Sales
Masters Precision Tools Co.
Michigan Drill Head Co.
Model Machine Co., Inc.
Morris Machine Tool Co.
National Automatic Tool Co., Inc.
Olivetti Corp. of America, Machine Tool Div.
Penco Perforators Co.
Portomac, Inc.
Precise Products Corp.
Queens Tool Mfg. Co., Inc.
Rehnberg-Jacobson Mfg. Co.
Ritmar Corp.
Gilman, Inc., Russell T.
Sheffield Corp., The
Simplex Tool Engineering Co.
Snow Mfg. Co.
Standard-Modern Tool Co., Ltd.
Swift Ohio Corp.
Technix Co.
Trio Tool Co.
Turner Bros., Inc.
Universal-Automat Corp.
Veet Industries
Walker-Turner Div.
Wharton and Wilcocks of America, Inc.
Zagar, Inc.

DRILLING MACHINES, UPRIGHT WAY TYPE—11-033

Aaron Machinery Co., Inc.
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Barer Engineering & Machinery Co., Ltd.
Barnes Drill Co.
Bentley Industrial Corp.
Brush Machine Tool Co.
Buck Mfg. Co.
Buffalo Forge Co.
Burg Tool Mfg. Co., Inc.
Carney-Stansfield Co.
Cincinnati Bickford Div.
Cincinnati Lathe and Tool Co.
Cleereman Machine Tool Corp.
Cross Co., The
Delta Power Tool Div., Rockwell Mfg. Co.
Fidelity Machine Tool, Inc.
Foote-Burt Co., The
Forney's, Inc.
George Machinery Co., James W.
Hermes Machine Tool Co., Inc.
Hill, Inc., Walter F.
Hypneumat, Inc.
Index Machine Co.
Johansson Co., I. O.
Krueger-Barnes Corp.
Masters Precision Tools Co.
Michigan Drill Head Co.
National Automatic Tool Co., Inc.
Rorysford Foundry & Machine Co., Inc.
Seewald, Inc.
Sheppard, Stanley
Sibley Machine & Foundry Corp.
Sigma Machinery, Inc.
Standard-Modern Tool Co., Ltd.
Swift Ohio Corp.
Trio Tool Co.
United Machinery Sales Co.
Western Machine Tool Works

DRILLS, CARBIDE, SOLID—13-032

Ace Drill Corp.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
Atrax Co., The
B-M-S Carbide Specialties, Inc.
B & W Precision Products Co.
Besly-Welles Corp.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Dexco Corp., Raymac Div.
Dixie Tool Industries
DoAll Co., The
Eldorado Tool & Mfg. Corp.
Elgin National Watch Co.
F & D Tool Co., Inc.
Falcon Tool Co.
Firth Sterling, Inc.
Ford Mfg. Co., Inc., M. A.
Greenfield Tap & Die
Heller Tool Co.
High Standard Mfg. Corp.
International Abrasive Corp.
Jarvis Corp.
Metal Carbides Corp.
Metal Removal Co., The
Metallurgical Products Dept., General Electric Co.
Meyers Co., W. F.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of Brown & Sharpe Mfg. Co.
Onarud Cutter Mfg. Co., Inc.
Pratt & Whitney Co., Inc.
Precise Products Corp.
Precision Carbide Co.
Precision Twist Drill & Mach. Co.
Rotary Tool Industries, Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Service File Sharpening Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Staples Tool Co., The
Starlite Industries, Inc.
Strand Flexible Shaft, Inc., N. A.
Super Tool Co., Div. of Van Norman Ind.
Time Saver Tools, Inc.
U. S. Carbide Tool, Inc.
Unimet Carbides
Union Twist Drill Co.
Valenite Metals Div.
Vascoloy-Ramet Corp.
Victory Carbide Saw & Tool Co., Inc.
Wendt-Sonis Co.
Whitman & Barnes
Willey's Carbide Tool Co.

DRILLS, CARBIDE, TIPPED—13-033

Ace Drill Corp.
American Cutter & Engineering Corp.
American Heller Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
B-M-S Carbide Specialties, Inc.
Besly-Welles Corp.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brunner & Lay, Inc.
Buol Machine Co., The
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Comet Tool Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
Diamond Expansion Bolt Co., Inc.
DoAll Co., The
Eldorado Tool & Mfg. Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Ford Mfg. Co., Inc., M. A.
Glenbard Tool Mfrs., Inc.
Greenfield Tap & Die
High Standard Mfg. Corp.
International Abrasive Corp.
King-Lindstrom Co.
Madison Industries, Inc.
Madison-Releo Tool Co.
Maynor Tool & Cutter Co., Inc.
Metal Carbides Corp.
Metal Removal Co., The
Meyers Co., W. F.
Modern Mfg. Co., Inc.
Morse Twist Drill & Machine Co.
National Tool Salvage Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of Brown & Sharpe Mfg. Co.
North American Viking Drill Co.
Precision Twist Drill & Mach. Co.
Price & Rutzebeck
Productive Tool Service, Inc.
R and L Tools
Rutland Tool Service
S & E Machine Products, Inc.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Staples Tool Co., The
Super Tool Co., Div. of Van Norman Ind.
Time Saver Tools, Inc.
Threadwell Tap & Die Co.
U. S. Carbide Tool, Inc.
Unimet Carbides
Union Twist Drill Co.
Valenite Metals Div.
Vascoloy-Ramet Corp.
Victory Carbide Saw & Tool Co., Inc.
Wendt-Sonis Co.
Whitman & Barnes
Willey's Carbide Tool Co.

DRILLS, CENTER—13-036

Ace Drill Corp.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp.
Chicago-Latrobe
Circular Tool Co., Inc.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Detroit Reamer and Tool Co.
DeWitt Equipment Corp.
DoAll Co., The
F & D Tool Co., Inc.
Ford Mfg. Co., Inc., M. A.
Glenbard Tool Mfrs., Inc.
Greenfield Tap & Die
Jarvis Corp.
Link Engineering Co.
Morse Twist Drill & Machine Co.
National Tool Salvage Co.
National Twist Drill & Tool Co.
New York Twist Drill Co., Inc.
North American Viking Drill Co.

PRODUCTS

DRILLS, CENTER—13-036 (cont.)

Pratt & Whitney Co., Inc.
Precision Twist Drill & Mach. Co.
Providence Tool Co., Inc.
Quality Tool Works, Inc.
S & E Machine Products, Inc.
Schnitt Co., R. L.
Special Drill & Reamer Corp.
Standard Tool Co.
Threadwell Tap & Die Co.
Unidapt Co.
Union Twist Drill Co.
Wendt-Sonis Co.
Whitman & Barnes
Woodruff & Stokes Co., Inc.

DRILLS, CORE & SPADE—13-034

Ace Drill Corp.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Detroit Reamer and Tool Co.
Diamond Expansion Bolt Co., Inc.
Di-Tru Diamond Tool Co.
DoAll Co., The
Eclipse Counterbore Co.
Erickson Tool Co.
Ex-Cell-O Corp.
Falcon Tool Co.
Gairing Tool Co.
Glenbard Tool Mfrs., Inc.
Gorham Tool Co.
Greenfield Tap & Die
Hardy Tool & Machine Div., Spectol Corp.
Hi-Duty Drill Works, Div.
Hutchinson Co., William T.
Le Roi Div., Westinghouse Air Brake Co.
Madison Industries, Inc.
Masterform Tool Co.
Metal Cutting Tools, Inc.
Metal Removal Co., The
Modern Mfg. Co., Inc.
Morse Twist Drill & Machine Co.
National Diamond Laboratory
National Jet Co.
National Twist Drill & Tool Co.
Precision Twist Drill & Mach. Co.
Productive Tool Service, Inc.
Rutland Tool Service
S & E Machine Products, Inc.
Scully-Jones & Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Staples Tool Co., The
Starlite Industries, Inc.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Waukesha Cutting Tools, Inc.
Wayne Tool Co.
Wesson Co.
Wendt-Sonis Co.
Wetmore Tool & Engineering Co.
Whitman & Barnes
Willey's Carbide Tool Co.
Woodruff & Stokes Co., Inc.

DRILLS, DEEP HOLE & GUN—13-035

Ace Drill Corp.
American Heller Corp.
Arrow Tool & Reamer Co.
Besly-Welles Corp.
Black & Decker Mfg. Co., The
Brubaker Tool Corp.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Detroit Reamer and Tool Co.
Diamond Expansion Bolt Co., Inc.
DoAll Co., The
Eldorado Tool & Mfg. Corp.
Glenbard Tool Mfrs., Inc.
Greenfield Tap & Die
High Standard Mfg. Corp.
Madison Industries, Inc.
Metal Carbides Corp.
Metal Removal Co., The
Metallurgical Products Dept., General
Electric Co.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
Pratt & Whitney Co., Inc.
Precision Twist Drill & Mach. Co.

S & E Machine Products, Inc.
Schmarje Tool Co.
Special Drill & Reamer Corp.
Standard Tool Co.
United Machinery Sales Co.
Whitman & Barnes

DRILLS, HIGH-SPEED TWIST—13-031

Ace Drill Corp.
Albertson & Co., Inc.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B. S. A. Tools, Ltd.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Detroit Reamer and Tool Co.
Detroit Tap & Tool Co.
DeWitt Equipment Corp.
DoAll Co., The
F & D Tool Co., Inc.
Glenbard Tool Mfrs., Inc.
Greenfield Tap & Die
Hayden Twist Drill Co.
Hi-Duty Drill Works, Div. of Hi-Duty
Industries, Inc.
Keystone Reamer & Tool Co.
Malcus Tools Corp.
Millers Falls Co.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
New York Twist Drill Co., Inc.
Niagara Cutter Div.
North American Viking Drill Co.
Penniman Co., Elisha
Pratt & Whitney Co., Inc.
Precision Twist Drill & Mach. Co.
Rutland Tool Service
Snap-On Tools Corp.
Special Drill & Reamer Corp.
Standard Tool Co.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Whitman & Barnes
Wilkins, Inc., Alwin Fr.

DRILLS, MAGNETIC BASE ELECTRIC—73-011

Buck Mfg. Co.
Portomag, Inc.

DRILLS, SCREW MACHINE—13-039

Ace Drill Corp.
B & W Precision Products Co.
Besly-Welles Corp.
Chicago-Latrobe
Cleveland Twist Drill Co., The
DoAll Co., The
Hayden Twist Drill Co.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
New York Twist Drill Co., Inc.
Niagara Cutter Div.
Precision Twist Drill & Mach. Co.
Special Drill & Reamer Corp.
Whitman & Barnes

DRILLS, STEP—13-037

Ace Drill Corp.
Alco Tool Co., The
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp.
Buol Machine Co., The
Chicago-Latrobe
Cleveland Twist Drill Co., The
Colonial Tool Co.
Comet Tool Co.
Crafts Co., Inc., Arthur A.
Detroit Reamer and Tool Co.
DoAll Co., The
F & D Tool Co., Inc.
Falcon Tool Co.
Glenbard Tool Mfrs., Inc.
Greenfield Tap & Die
Hi-Duty Drill Works, Div. of Hi-Duty
Industries, Inc.
King-Lindstrom Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Medio Co., The
Metal Cutting Tools, Inc.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
Niagara Cutter Div.

Productive Tool Service, Inc.
Rutland Tool Service
Schmarje Tool Co.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Wendt-Sonis Co.
Whitman & Barnes
Woodruff & Stokes Co., Inc.

DRILLS, SUBLAND—13-038

Ace Drill Corp.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp.
Buol Machine Co., The
Chicago-Latrobe
Cleveland Twist Drill Co., The
Detroit Reamer and Tool Co.
DoAll Co., The
Falcon Tool Co.
Glenbard Tool Mfrs., Inc.
King-Lindstrom Co.
Madison-Relco Tool Co.
Masterform Tool Co.
Metal Cutting Tools, Inc.
Mohawk Tools, Inc.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
Niagara Cutter Div.
Productive Tool Service, Inc.
Rutland Tool Service
Special Drill & Reamer Corp.
Standard Tool Co.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Whitman & Barnes

DRILLS, PORTABLE ELECTRIC—73-010

Albertson & Co., Inc.
Black & Decker Mfg. Co., The
Chicago Pneumatic Tool Co.
Drillmatic Co., Inc.
du Pont de Nemours & Co., Inc., E. I.
Foredom Electric Co., Inc.
Ingersoll-Rand Co.
Jones Motrola Corp.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Modern Mfg. Co., Inc.
Porter-Cable Machine Co.
Portomag, Inc.
Remington Arms Co., Inc.
Ryerson & Son, Inc., Joseph T.
Skill Corp.
Snap-on Tools Corp.
Stanley Works, The
Thor Power Tool Co.
U. S. Electrical Tool Co.
Walker-Turner Div.
Wodack Electric Tool Corp.

DRILLS, PORTABLE HYDRAULIC—72-010

Drillmatic Co., Inc.

DRILLS, PORTABLE PNEUMATIC—71-010

Airetool Mfg. Co., The
Albertson & Co., Inc.
Aro Equipment Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cieco Div.
du Pont de Nemours & Co., Inc., E. I.
Gardner-Denver Co.
Hanover Tool Co., Inc.
Ingersoll-Rand Co.
Le Roi Div., Westinghouse Air Brake Co.
Master Pneumatic Tool Co., Inc.
Modern Mfg. Co., Inc.
Nielsen, Inc., E. V.
Quackenbush Co., A. B.
Remington Arms Co., Inc.
Rotor Tool Co., The
Skill Corp.
Superior Pneumatic & Mfg., Inc.
Thor Power Tool Co.

DRIVERS, DRILL OR TAP—12-153

Beaver Tool & Engineering Corp.
Chicago Tool & Engineering Co.
Falcon Tool Co.
Genevamic Engineering Corp.
Glenzer Co., J. C., The

DRIVERS, DRILL OR TAP—12-153 (cont.)

Scully-Jones & Co.
Seibert & Sons, Inc.
Skill Corp.
Thor Power Tool Co.
Universal Engineering Co.
Waukesha Cutting Tools, Inc.

DRIVES, CHAIN & SPROCKETS—83-013

Atlas Chain & Mfg. Co.
Bond Co., Charles
Chain Belt Co.
Cloyes Gear & Products, Inc.
Diefendorf Gear Corp.
Dodge Mfg. Corp.
Link-Belt Co.
Maurey Mfg. Corp.
Morse Chain Co.
Simonds Gear & Mfg. Co., The
Webb Co., Jervis B.

DRIVES, GEAR—83-011

Airborne Accessories Corp.
Allis Co., Louis, The
American Gear & Mfg. Co.
Arrow Gear Co.
Bond Co., Charles
Boston Gear Works
Cincinnati Gear Co., The
Clearing Div. of U. S. Industries
Cleveland Worm & Gear Co., The
Cone-Drive Gears
Delco Products Div.
Diefendorf Gear Corp.
Drive-All Mfg. Co.
Eisler Engineering Co., Inc.
Electra Motors, Inc.
Ferguson Machine Corp. of Indiana
Brad Foote Gear Works, Inc.
Foote Bros. Gear & Mach. Corp.
Genco, Genevamic Engineering Corp.
General Electric Co.
Genevamic Engineering Corp.
Graham Transmissions, Inc.
Grant Gear Works, Inc.
Hewitt-Robins, Inc.
Howell Electric Motors Co.
Janette Electric Mfg. Co.
Lima Electric Motor Co., Inc., The
Link Aviation, Inc.
Link-Belt Co.
Mass. Gear & Tool Co.
Mesta Machine Co.
Michigan Tool Co.
Morse Chain Co.
Ohio Gear Co., The
Orban Co., Inc., Kurt
Rampe Mfg. Co.
Reeves-Pulley Co.
Reliance Electric & Engineering Co.
Revo, Inc.
Rockford Clutch Div., Borg-Warner
Inc.
Sier-Bath Gear & Pump Co.
Simonds Gear & Mfg. Co., The
Sterling Electric Motors, Inc.
Turner Uni-Drive Co.
U. S. Electrical Motors, Inc.
Vard, Inc.
Western Gear Corp.
Western Mfg. Co.
Westinghouse Electric Corp.
Williamson Gear & Machine Co.
Worthington Corp.

DRIVES, PULLEY & BELT—83-014

Allis-Chalmers Mfg. Co.
American Pulley Co., The
Chicago Die Casting Mfg. Co.
Curtis Machine Div., The Carborundum
Co.
Dodge Mfg. Corp.
Love Brothers, Pyott Foundry &
Machine Co.
Lovejoy Flexible Coupling Co.
Maurey Mfg. Corp.
Morse Chain Co.
Newton Hydraulic Tooling Co.
Onsrud Machine Works, Inc.
Pic Design Corp.
Rampe Mfg. Co.
Raybestos-Manhattan, Inc.
Reeves-Pulley Co.
Reliance Electric & Engineering Co.
Speed Selector, Inc.
Walker-Turner Div.

DRIVES, VARIABLE SPEED—83-020

Allis-Chalmers Mfg. Co.

Allis Co., Louis, The
American Pulley Co., The
Cleveland Worm & Gear Co., The
Electro-Devices, Inc.
General Electric Co.
Graham Transmissions, Inc.
Lima Electric Motor Co., Inc., The
Lovejoy Flexible Coupling Co.
Reeves-Pulley Co.
Reliance Electric & Eng. Co.
Revco, Inc.
Sterling Electric Motors, Inc.
WacLine, Inc.
Western Mfg. Co.

DUCTILITY TESTING MACHINES—61-026

Steel City Testing Machines, Inc.
Testing Machines, Inc.
Tinius Olsen Testing Machine Co.

DUCTS, FLEXIBLE—94-011

Flexible Tubing Corp.
Flexaust Co., The

DUPLICATING MACHINES—92-051

Bruning Co., Inc., Charles
Ozalid Div.
Pease Co., C. F., The
Peck & Harvey Mfg. Corp.

DUPLICATING MATERIALS—92-052

Capital Reproductions, Inc.
Bruning Co., Inc., Charles
Ozalid Div.
Pease Co., C. F., The

DUST COLLECTORS—94-010

Acme Tool Corp.
Aget Mfg. Co.
Hammond Machinery Builders, Inc.
Hisey-Wolf Machine Co., The
Kindt-Collins Co., The
Kirk & Blum Mfg. Co., The
Metals Disintegrating Co., Inc.
Pangborn Corp.
Ruemein Mfg. Co.
Standard Electrical Tool Co., The
Trion, Inc.
Wheelabrator Corp.

**DYES, FLUORESCENT
PENETRATING—62-010**

du Pont de Nemours & Co., Inc., E. I.
Magnafix Corp.
Met-L-Check Co., The

DYNAMOMETERS—64-040

Aaron Machinery Co., Inc.
Allis Co., Louis, The
Century Control Engineering
Dillon & Co., Inc., W. C.
Eaton Mfg. Co.
General Electric Co.
Hunter Spring Co.
Johansson Gage Co., C. E.
Link Engineering Co.
Nankerys Co., George C.
Reliance Electric & Engineering Co.
Scherr Co., Inc., George
Simpson Electric Co.
Swedish Gage Co.
Taylor Dynamometer & Machine Co.
Testing Machines, Inc.
Westinghouse Electric Corp.

EJECTOR PINS—22-091

Ace Drill Corp.
Bulteel Co.
Campbell Contour Attachment Co., Inc.
Dayton Perforators, Inc.
DeKalb Precision Industries
Detroit Mold Engineering Co.
DoAll Co., The
Dundick Tool Works, Inc.
Hutchinson Co., William T.
Ring Punch & Die, Inc.
Speedex Precision Products
Standard Horse Nail Corp.
Torrington Co., The
Twentieth Century Mfg. Co.
Vlier Engineering Corp.

EJECTORS, AIR—22-092

Littell Machine Co., F. J.

**ELECTRICAL DISCHARGE
MACHINES—11-050**

B-M-S Carbide Specialties, Inc.
B. S. A. Tools, Ltd.
Cammann Mfg. Co., Inc., The
Cincinnati Milling Machine Co.
Cosa Corp.
Easco Products Div.
Electro-Spark Co., Inc.
Elox Corp. of Michigan
Erinac Equipment Corp.
Japax America Corp.
Kahle Engineering Co.
Knight Machinery Co., W. B.
Mercuria Co.
Onsrud Machine Works, Inc.
Sigma Machinery, Inc.
United Laboratories, Inc.

**ELECTROCHEMICAL CLEANING
EQUIPMENT**

(see Cleaning Equipment, Electrochemical)

ELECTROCHEMICAL EQUIPMENT—11-142

Anocut Engineering Co.
Branson Instruments, Inc.
Cincinnati Electrical Tool Co., The
Hisey-Wolf Machine Co., The
Niagara Cutter Div.
Oakite Products, Inc.

ELECTRODE HOLDERS

(see Welding Accessories, Electrode Holders)

ELECTRODES, WELDING—04-070

A & C Engineering Co.
Aero Welder Mfg. Co.
Air Products, Inc.
Air Reduction Sales Co.
Alloy Rods Co.
All State Welding Alloys Co., Inc.
Aluminum Co. of America
American Brass Co., The
American Brass Co., The
Ampeo Metal, Inc.
Arcos Corp.
Eisler Engineering Co., Inc.
Eutectic Welding Alloys Corp.
Federal Machine & Welder Co., The
Harnischfeger Corp.
Haynes Stellite Co.
Hobart Brothers Co.
International Nickel Co., Inc., The
Lincoln Electric Co., The
Lukens Steel Co.
Mallory & Co., Inc., P. R.
McKay Co., The
Metal & Thermit Corp.
Multi Metals, Inc.
Special Drill & Reamer Corp.
Starlite Industries, Inc.
Wall Colmonoy Corp.
Weldex Div. of The Metal Craft Co.
Westinghouse Electric Corp.

ELECTROLYTIC

(see Grinding Machines, Electrolytic)

**ELECTROPLATING EQUIPMENT &
SUPPLIES—42-000**

Metal & Thermit Corp.
National File Co.

END MILLING CUTTERS

(see Milling Cutters, End)

ENGRAVING MACHINES—11-204

Deakin & Son, J. A.
Green Instrument Co., Inc.
Mico Instrument Co.
New Hermes Engraving Machine Corp.

EXHAUST SYSTEMS—45-013

Eclipse Air Brush Co.
DeVilbiss Co., The
Kirk & Blum Mfg. Co., The
Mahon Co., R. C., The
Myr Sheet Metal Ind., Inc., Arthur B.
Schaffner Mfg. Co., Inc.
Schmieg Industries

**EXPANDING MANDREL
MACHINES—21-080**

A & C Engineering Co.
Adams Equipment

PRODUCTS

EXPANDING MANDREL MACHINES (cont.)

Arrowsmith Tool & Die Corp.
Barth Corp., The
Conray Electro-Mechanical Corp.
Dreweo Corp.
Grotnes Machine Works, Inc.
Hill, Inc., Walter P.
Wean Equipment Corp.

EXPANDING MANDRELS, MANUAL (see Mandrel Expanding, Manual)

EXPANDING MANDREL SECTIONS (see Mandrel Sections, Expanding)

EXTRACTORS, CENTRIFUGAL—94-040

Barrett Co., Leon J., The

EXTRUSION PRESSES (see Presses, Extrusion)

FACING HEADS (see Heads, Facing)

FASTENERS, PUSH-ON—91-120

Palnut Co., The

FATIQUE TESTING MACHINES—61-022

Aaron Machinery Co., Inc.
Burke Porter Machinery Co.
Coca Corp.
Ferry Machine Co.
Hirschmann Co., Inc., Carl
Link Engineering Co.
Testing Machines, Inc.

FEED FINGERS—12-062

Benco Collet Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Hardinge Brothers, Inc.
Loeffel Co., Inc., Arthur, The
Rigid Products Co.
Staats & Staats, Inc.
Stutton Tool Co.

FEED FINGERS, MASTER & PADS—12-063

Benco Collet Mfg. Co.
Corlett-Turner Co.

FEED STOPS—12-065

Alco Tool Co., The
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Danly Machine Specialties, Inc.
Marcellus Mfg. Co.
Viler Engineering Corp.

FEEDS (see Slides & Feeds)

FEEDS, BAR—12-061

A-K Tool Co.
Bardons & Oliver, Inc.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Boyar-Schultz Corp.
Clausing Div., Atlas Press Co.
Grieder Industries, Inc.
Lipe-Rollway Corp.
Lincoln Industries Co.
Precision Processing Co.
Production Feeder Corp.
Production Machine Co.
Sesco, Inc.
Wells & Sons, W. F.

FEEDS, DRILL PRESS—12-066

Bellows Co., The

FEEDS, HOPPER (see Hopper Feeds)

FEEDS, MAGAZINE (see Magazine Feeds)

FEEDS, ROLL—12-064

Aaron Machinery Co., Inc.
Acme-Danneman Co., Inc.
Automatic Feed Co.
Benchmaster Mfg. Co.
Bliss Co., E. W.
Brandes Press Co., The
Brown & Sharpe Mfg. Co., Machine
Tool Div.

Danly Machine Specialties, Inc.
Dickerman Mfg. Co., H. E.
Durant Tool Co.
Emhart Mfg. Co.
Famco Machine Co.
Federal Machine & Welder Co., The
Ferguson Machine Corp. of Indiana
La Bahn Roll Feed Corp.
Littell Machine Co., F. J.
Roll-Feeds Corp.
Rowe Machinery & Mfg. Co.
Sesco, Inc.
U. S. Tool Co., Inc.
United Machinery Sales Co.
Wean Equipment Corp.

FEEDS, STOCK, DIAL—22-172

Bellows Co., The
Benchmaster Mfg. Co.
Bliss Co., E. W.
Emhart Mfg. Co.
Ferguson Machine Corp. of Indiana
Fidelity Machine Tool, Inc.
Inter-Lakes Engineering Co.
Perkins Machine Co.

FEEDS, STOCK, MECHANICAL HAND—22-174

Fidelity Machine Tool, Inc.
Kenhos Corp. Div., George H. Kendall,
Mech. Engrs. & Cons.
Lipe-Rollway Corp.
Littell Machine Co., F. J.
Sahl Engineering Co., Inc.
Taylor-Winfield Corp.
Union Mfg. Co.
United Machinery Sales Co.

FEEDS, STOCK, ROLLER—22-173

Brandes Press Co., The
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Danly Machine Specialties, Inc.
Emhart Mfg. Co.
Fidelity Machine Tool, Inc.
La Bahn Roll Feed Corp.
Littell Machine Co., F. J.
McKay Machine Co., The
Perkins Machine Co.
Roll-Feeds Corp.
Rowe Machinery & Mfg. Co.
Sesco, Inc.
U. S. Tool Co., Inc.
United Machinery Sales Co.
Wittek Mfg. Co.

FEEDS, STOCK, SLIDE—22-171

Automatic Feed Co.
Bliss Co., E. W.
Cleveland Pneumatic Industries, Inc.
Cooper Weymouth, Inc.
Dickerman Mfg. Co., H. E.
Emhart Mfg. Co.
Famco Machine Co.
Nilson Machine Co., A. H., The
Product Machine Co., The
Special Engineering Service, Inc.
U. S. Tool Co., Inc.
United Machinery Sales Co.

FEEDS, STOCK, SPECIAL—22-175

Automatic Feed Co.
Benchmaster Mfg. Co.
Bliss Co., E. W.
Century Detroit
Clearing Div. of U. S. Industries
Cleveland Pneumatic Industries, Inc.
Cooper Weymouth, Inc.
Diamond Machine Tool Corp.
Emhart Mfg. Co.
Famco Machine Co.
Fidelity Machine Tool, Inc.
Inter-Lakes Engineering Co.
Lipe-Rollway Corp.
Littell Machine Co., F. J.
Murray-Way Corp.
New Britain Tool & Mfg. Co., Inc.
Perkins Machine Co.
Rowe Machinery & Mfg. Co.
Sahl Engineering Co., Inc.
Schultes Level, Inc.
Sesco, Inc.
Special Engineering Service, Inc.
Taylor-Winfield Corp.
United Machinery Sales Co.
Wells Mfg. Corp.
Wheel Dressing, Inc.

FILING MACHINES, RECIPROCATING—11-197

All American Tool & Mfg. Co.
Connecticut Tool & Eng. Co.
Harvey Mfg. Corp.
High Speed Hammer Co., Inc.
Ideal Tool & Die Co., Inc.
Kalamazoo Tank & Silo Co.
Rice Pump & Machine Co.

FILES, GENERAL MACHINE—13-041

Delta File Works, Inc.
Dialton Div., H. K. Porter Co., Inc.
DoAll Co., The
Grobet File Co. of AM., Inc.
Heller Tool Co.
Hoe & Co., Inc., R.
Mohawk File & Tool Co.
Nicholson File Co.
Simonds Saw & Steel Co.

FILES, BAND—13-045

Aaron Machinery Co., Inc.
Boice-Crane Co.
DoAll Co., The
Hoe & Co., Inc., R.
Grob, Inc.

FILES, PRECISION—13-042

Delta File Works, Inc.
Dialton Div., H. K. Porter Co., Inc.
DoAll Co., The
Grobet File Co. of AM., Inc.
Heller Tool Co.
Mohawk File & Tool Co.
Nicholson File Co.
Simonds Saw & Steel Co.

FILES, ROTARY—13-043

Atrax Co., The
Coastal Abrasive and Tool Co., Inc.
Crafts Co., Inc., Arthur A.
Delta File Works, Inc.
Dixie Tool Industries
DoAll Co., The
Elgin National Watch Co.
Ford Mfg. Co., Inc., M. A.
Grobet File Co. of AM., Inc.
Haskins Co., R. G.
Heller Tool Co.
Hudson Automatic Machine & Tool Co.
Jarvis Corp.
Martindale Electric Co.
Metal Removal Co., The
Mohawk File & Tool Co.
Nicholson File Co.
Precise Products Corp.
Rotary Tool Industries, Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Service File Sharpening Co.
Simonds Saw & Steel Co.
Starlite Industries, Inc.
Strand Flexible Shaft, Inc., N. A.
Thor Power Tool Co.
Wendt-Sonia Co.

FILES, THREAD—13-044

Grobet File Co. of AM., Inc.
Jaw Mfg. Co.
Mohawk File & Tool Co.
Simonds Saw & Steel Co.

FILING MACHINES, CONTOUR BAND—11-177

Aaron Machinery Co., Inc.
Acme Tool Corp.
Boice-Crane Co.
DoAll Co., The
Grob, Inc.
High Speed Hammer Co., Inc., The
Hirschmann Co., Inc., Carl
Ideal Tool & Die Co., Inc.
S & S Machinery Co.
Tannowitz Works, Inc., The

FILMS, PHOTOGRAPHIC—93-030

Eastman Kodak Co.
Polymer Corp., The

FILTERS, LUBRICANT—12-111

Airmatic Valve, Inc.
Alomite Div., Stewart Warner Corp.
Aro Equipment Corp., The
Balcrank, Inc.

FILTERS, LUBRICANT—12-111 (cont.)

Bjur Lubricating Corp.
De Laval Separator Co., The
Inflico, Inc.
Rosaen Co., The
Superior Pneumatic & Mfg., Inc.

FILTERS & COLLECTORS, AIR—82-096

Air-Mite Devices, Inc.
Allied Witan Co., Inc.
Alsop Engineering Corp.
Amplex Div., Chrysler Corp.
Arrow Tools, Inc.
Barnes Drill Co.
Bendix Filter Div.
Bendix-Westinghouse Automotive Air Brake Co.
Briggs Filtration Co.
Cuno Engineering Corp., The
Frantz Co., Inc., S. G.
Hanna Engineering Works
Hannifin Co.
Hoffman Products Co., Inc.
Inflico, Inc.
Koehler Aircraft Products Co., The
Logan Engineering Co.
Lundholm Mfg. Co.
M-B Products, Inc.
Madison Tool & Supply Co.
Marvel Engineering Co.
Master Pneumatic, Inc.
Murray-Way Corp.
Norgren Co., C. A.
Nugent & Co., Inc., Wm. W.
Purolator Products, Inc.
Rosaen Co., The
Schrader's Son., A.
Superior Pneumatic & Mfg., Inc.
U. S. Hoffman Machinery Corp.
Valvair Corp.
Vau-Blast Co., Inc.
Vickers, Inc.
Watts Regulator Co.
Wilkerson Corp.

FILTERS & SEPARATORS, COOLANT—12-112

Henry Mfg. Co., Inc.

FINISHING COMPOUNDS (see Compounds, Finishing)

FITTINGS, FLUID POWER—82-091

A & C Engineering Co.
Aeroquip Corp.
Airmatic Valve, Inc.
Aro Equipment Corp., The
Clippard Instrument Lab., Inc.
Hansen Mfg. Co., The
Hunt Valve Co.
Midland-Ross Corp.
Miller Fluid Power Div.
Mueller Brass Co.
Parker Fittings & Hose Div., Parker-Hannifin Corp.
Petch Mfg. Co.
Queens Tool Mfg. Co., Inc.
Rayflex Co., Inc.
Rotherm Engineering Co., Inc.
Rouse & Co., H. B.
Schrader's Son., A.
Stayput Clamp & Coupling Co.
Sturdy Tool & Gage Co.
Tru-Seal Div., Flick-Reedy Corp.
Weatherhead Co., The

FLAME CUTTING EQUIPMENT (see Cutting Equipment, Flame)

FLAT STOCK, GROUND—63-093

Acme-Danneman Co., Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Boyd-Wagner Co.
DoAll Co., The
Crucible Steel Co. of America
Furane Plastics, Inc.
Heller Tool Co.
Jessop Steel Co.
Marshall Steel Co.
Milne & Co., Inc., A.
Pittsburgh Tool Steel Wire Div.
Ryerson & Son, Inc., Joseph T.
Sal Metal Products Co.
Simonds Saw & Steel Co.
Starrett Co., L. S., The

Thompson & Son Co., Henry G., The
Uddeholm Co. of America, Inc.
Vanadium-Alloys Steel Co.
Vulcan-Kidd Steel Div.
Ziv Steel & Wire Co.

FLEXIBLE SHAFTS & DETAILS (see Shafts & Details, Flexible)

FLUIDS, CUTTING—04-060

Aldridge Industrial Oils, Inc.
Anderson Oil & Chemical Co., Inc.
Atlantic Refining Co., The
Aviation Lubricants Co., Inc.
Baj Tool Co., The
Bel-Ray Co., Inc.
Beltraction Co.
Cook's Sons, Inc., Adam
Crown Industrial Products Co.
DoAll Co., The
Esso Standard Oil Co.
Flake Brothers Refining Co.
Gulf Oil Corp.
H & B Petroleum Co.
Hangsterfer's Laboratories, Inc.
Houghton & Co., E. F.
Industrial Gages, Inc.
International Chemical Co., Inc.
International Refining & Mfg. Co.
Johnson & Son, Inc., S. C.
Kerns Co., L. R.
Keystone Lubricating Co.
Lubikoid Co.
Macco Products Co., The
Master Chemical Corp.
Metal Lubricants Co.
Metalloid Corp.
Micromatic Home Corp.
Harry Miller Corp.
National Diamond Laboratory
National Refining Co., Div. Ashland Oil & Refining Co.
Oakite Products, Inc.
Oster Mfg. Co., The
Park Chemical Co.
Rick-Lick, Inc.
Ridge Tool Co., The
Sanson & Sons, Inc., Henry E.
Shear-Speed Chemical Products Div., Michigan Tool Co.
Shell Oil Co.
Sinclair Refining Co.
Socony Mobil Oil Co.
Stadoll Mfg. Co.
Standard Oil Co. of California, Western Operations, Inc.
Standard Oil Co. (Indiana)
Steco Corp., The
Stuart Oil Co., Ltd., D. A.
Sun Oil Co.
Texas Co., The
United Laboratories, Inc.
Valvoline Oil Co.
White & Bagley Co., The

FLUIDS, HYDRAULIC (see Hydraulic Fluids)

FLUIDS, LAYOUT (see Layout Fluids)

FLUXES—04-090

Air Reduction Sales Co.
All-State Welding Alloys Co., Inc.
Aluminum Co. of America
Ampeco Metal, Inc.
Arcos Corp.
Belmont Smelting & Refining Works, Inc.
Dockson Corp.
Dow Chemical Co., The
Eutectic Welding Alloys Corp.
Handy & Harman
Hanson-Van Winkle-Munning Co.
Hobart Brothers Co.
International Nickel Co., Inc., The
Kester Solder Co.
Lake Chemical Co.
Linde Co.
Mico Instrument Co.
Smith Welding Equip. Corp.
Special Chemicals Corp.
Stainless Processing Div.
Superior Flux & Mfg. Co.
Wall Colmonoy Corp.

FLY CUTTERS—13-143

Micro Instrument Co.

FORGING MACHINES, HYDRAULIC PRESS TYPE—21-122

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Birdsboro Steel Foundry & Machine Co.
Bliss Co., E. W.
Clearing Div. of U. S. Industries
Elmes Engineering Div., American Steel Foundries
Erie Foundry Co.
Girard Associates
Hill, Inc., Walter P.
Hydraulic Press Mfg. Co., The
Lake Erie Machinery Corp.
M & N Modern Hydraulic Press Co., Inc.
Mesta Machine Co.
Oliver Corp., The, A. B. Farquhar Div.
Verson Allsteel Press Co.
Wilson, Inc., K. R.
Wood Co., R. D.

FORGING MACHINES, MECHANICAL HAMMER—21-123

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Billings & Spencer Co., The
Bradley & Son Div., C. C.
Chambersburg Engineering Co.
Edlund Machy. Co.
Erie Foundry Co.

FORGING MACHINES, MECHANICAL PRESS TYPE—21-121

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Bliss Co., E. W.
Clearing Div. of U. S. Industries
Cleveland Punch & Shear Works Co., The
Decherts Machine Shop, Inc.
Erie Foundry Co.
Girard Associates
Hill Acme Co., The
Kenco Mfg. Co.
Minster Machine Co., The
National Machinery Co., The
Verson Allsteel Press Co.

FORGING MACHINES, STEAM OR AIR HAMMER—21-124

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Chambersburg Engineering Co.
Erie Foundry Co.

FORM TOOL BLANKS (see Blanks)

FORM TOOLS (see Tools)

FORMING BLOCKS—23-051

Acorn Iron & Supply Co.
Arrowsmith Tool & Die Corp.
Campbell Contour Attachment Co., Inc.
Heppenstall Co.
Hufford Corp., The
Kenco Mfg. Co.
Middlestadt Machine Co., The
Payne Tool and Engineering Co., The
Pioneer Engineering & Mfg. Co.
Richards Co., J. A.
Vamco Machine & Tool, Inc.

FORMING DIES, STRETCH—23-052

American Standard Co.
Arrowsmith Tool & Die Corp.
Barth Corp., The
Bath Co., The Cyril
Campbell Contour Attachment Co., Inc.
Century Detroit
Clearing Div. of U. S. Industries
Commercial Die Co.
Furane Plastics, Inc.
Greenard Arbor Press Co.
Jahn Mfg. Co., B., The
L & H Die & Tool Co., Inc.
Pacific Industrial Mfg. Co.
Payne Tool and Engineering Co., The
Ren Plastics, Inc.
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Taylor-Winfield Corp.
Vamco Machine & Tool, Inc.
Warren Plastic & Engineering, Inc.

PRODUCTS

FORMING MACHINES, SPECIAL PURPOSE—21-160

American Pullmax Co., Inc.
Arrowsmith Tool & Die Corp.
Barer Engineering & Machinery Co., Ltd.
Barth Corp., The
Bath Co., Cyl. The
Century Detroit
Chambersburg Engineering Co.
Cincinnati Milling Machine Co.
Clearing Div. of U. S. Industries
Conray Electro-Mechanical Corp.
Distel Tool & Machine Co.
Elmes Engineering Div., American
Steel Foundries
Erie Foundry Co.
Erinac Equipment Corp.
Expert Welding Machine Co.
Furne Plastics, Inc.
Girard Associates
Hufford Corp., The
Hydraulic Press Mfg. Co., The
Kenco Mfg. Co.
Lake Erie Machinery Corp.
Loeffel Co., Inc., Arthur, The
M & N Modern Hydraulic Press Co., Inc.
McKay Machine Co., The
Meta-Dynamics Div., Cincinnati Milling
& Grinding Machines, Inc.
Nuclear Products, Ereo
Porter, Inc., H. K.
Richards Co., J. A.
Ryerson & Son, Inc., Joseph T.
Standard-Modern Tool Co., Ltd.
Tarrington Mfg. Co., The
Thompson Mfg. Co., Earl A.
Verson Allsteel Press Co.
Wean Equipment Corp.
Wilson Automation Co.
Yoder Co., The

FORMING STRETCH MACHINES (see Stretch Forming Machines)

FRICTION MATERIALS—03-070

Armstrong Cork Co.

FURNACES, ELECTRIC—41-011

Ajax Electric Co.
Ajax Engineering Corp.
Armor-Tuf Sales Corp.
Bellevue Industrial Furnace Co.
Blue M Electric Co.
British Machines & Foundry Supplies,
Ltd.
Dow Furnace Co., The
Electric Furnace Co., The
Electric Halpack Co., Inc.
Erb & Gray Scientific, Inc.
General Electric Co.
Grieve-Hendry Co., Inc.
Hayes, Inc., C. I.
Hevi-Duty Electric Co.
High Vacuum Equipment Corp.
Holcroft & Co.
Huppert Co., K. H.
Ipsen Industries, Inc.
Kahle Engineering Co.
L & L Mfg. Co.
Leeds & Northrup Co.
Lindberg Engineering Co.
Loeffel Co., Inc., Arthur, The
Lucifer Furnaces, Inc.
Mahr Mfg. Co.
Metalwash Machinery Corp.
Pereny Equipment Co.
Sentry Co., The
Sta-Warm Electric Co.
Sunbeam Equipment Corp.
Thermo Electric Mfg. Co.

FURNACES, GAS—41-012

Ajax Electric Co.
American Gas Furnace Co.
Bellevue Industrial Furnace Co.
Dow Furnace Co., The
Electric Furnace Co., The
Fen Machine Co.
General Electric Co.
Girard Associates
Grieve-Hendry Co., Inc.
Hevi-Duty Electric Co.
High Vacuum Equipment Corp.
Holcroft & Co.
Hones, Inc., Charles A.
Ipsen Industries, Inc.
Johnson Gas Appliance Co.
Johnston Mfg. Co.

Leeds & Northrup Co.
Lindberg Engineering Co.
Mahr Mfg. Co.
Metalwash Machinery Corp.
Stark Tool Co.
Sunbeam Equipment Corp.
Wall Colmonoy Corp.

FURNACES, HIGH-FREQUENCY—41-014

Allis-Chalmers Mfg. Co.
Eisler Engineering Co., Inc.
High Vacuum Equipment Corp.
Induction Heating Corp.
Lepel High Frequency Laboratories, Inc.
Lindberg Engineering Co.
Magnetometric Corp.
Orban Co., Inc., Kurt
Tocco Div., The Ohio Crankshaft Co.

FURNACES, INDUCTION—41-015

Ajax Electrothermic Corp.
Ajax Engineering Corp.
Allis-Chalmers Mfg. Co.
Bachmann Co., Inc., Eric B.
Eisler Engineering Co., Inc.
Electric Furnace Co., The
Hayes, Inc., E. I.
High Vacuum Equipment Corp.
Induction Heating Corp.
Lepel High Frequency Laboratories, Inc.
Lindberg Engineering Co.
Magnetometric Corp.
Orban Co., Inc., Kurt
Stokes Corp., F. J.
Tocco Div., The Ohio Crankshaft Co.
Wall Colmonoy Corp.
Westinghouse Electric Corp.

FUSED-COATING EQUIPMENT—45-080

Metallizing Engineering Co., Inc.

GAGE BARS—63-074

AA Gage Co.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Collins Microflat Co.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
DeVlieg Microbore Div.
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Eastern Precision Tool & Gage Co.
Engis Equipment Co.
Gage-Rite, Inc.
Hanlo Gage Co.
Holmes Gage & Development Corp.
Pratt & Whitney Co., Inc.
Sheffield Corp., The
Slocumb Co., J. T.
Sturdy Tool & Gage Co.
Union Gage Corp.
Webber Gage Co.

GAGE BARRELS—63-075

AA Gage Co.
Colonial Mfg. Co., Inc.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Gage-Rite, Inc.
Hanlo Gage Co.
Holmes Gage & Development Corp.
Sheffield Corp., The
Sturdy Tool & Gage Co.

GAGE BLANKS—63-076

AA Gage Co.
Black Drill Co.
Bultool Co.
Cleveland Twist Drill Co., The
Crucible Steel Co. of America
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Dow Mechanical Corp., The
Dundick Tool Works, Inc.
Eastern Precision Tool & Gage Co.
Gage-Rite, Inc.
Hanlo Gage Co.
Hayden Twist Drill Co.
Holmes Gage & Development Corp.
Huron Machine Products, Inc.
Pratt & Whitney Co., Inc.
Precision Twist Drill & Mach. Co.
Republic Gage Co.
Rite-O Tool & Gage Co.
Royal Oak Products Co.

Scherr Co., Inc., George
Size Control Co.
Sturdy Tool & Gage Co.
Van Keuren Co.

GAGE BLOCKS—63-081

AA Gage Co.
Dearborn Gage Co.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
DeKalb Precision Industries
DoAll Co., The
Engis Equipment Co.
Fonda Gage Co., Inc.
Johansson Gage Co., C. E.
Pratt & Whitney Co., Inc.
Scherr Co., Inc., George
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Union Gage Corp.
Van Keuren Co.
Webber Gage Co.

GAGE CALIBRATION DEVICES—63-085

Custom Scientific Instruments, Inc.
Marine Pumps, Inc.

GAGE CONTACT POINTS—63-077

Precision Carbide Co.

GAGE DIAL INDICATORS—63-071

Acra-Ment Instrument Div., Green Mfg.
Co., Inc.
Alina Corp.
Ames Co., B. C.
Blackhawk Mfg. Co.
Boice Gages, Inc.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Chicago Dial Indicator Co.
Colonial Mfg. Co., Inc.
DoAll Co., The
Dorsey Gage Co., Inc.
Ercosa Corp.
Erinac Equipment Corp.
Federal Products Corp.
General Hardware Mfg. Co., Inc.
Gladwin Tool Co.
Hamilton Watch Co., Industrial Div.
Holmes Gage & Development Corp.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Koch Universal Test Indicator
Lincoln Park Industries, Inc.
Lufkin Rule Co.
Mohawk File & Tool Co.
Neise, Karl A.
Opto Metric Tools, Inc.
Orban Co., Inc., Kurt
Penniman Co., Elisha
Petz-Emery, Inc.
Pic Design Corp.
Randall Co., Inc., Frank E.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sema Corp.
Sheffield Corp., The
Standard Gage Co., Inc.
Starrett Co., L. S., The
Superior Indicator Co.
Swedish Gage Co.
Taper Micrometer Corp.
Testing Machines, Inc.
Transocean Trading Co.
Tubular Micrometer Co.

GAGE HANDLES—63-072

Brown & Sharpe Mfg. Co., Industrial
Products Div.
Cadillac Gage Co.
DeKalb Precision Industries
Dundick Tool Works, Inc.
Eastern Precision Tool & Gage Co.
Foster Gage Corp., C. E.
Huron Machine Products, Inc.
Hy-Pro Tool Co.
Johansson Gage Co., C. E.
Lincoln Gage Co.
Pipe Machinery Co., The
Pratt & Whitney Co., Inc.
Reid Tool Supply Co.
Republic Gage Co.
Royal Oak Products Co.
Scherr Co., Inc., George
Sheffield Corp., The
Size Control Co.
Standard Gage Co., Inc.

GAGE HANDLES—63-072 (cont.)

Swedish Gage Co.
Threadwell Tap & Die Co.
Van Keuren Co.
Winter Brothers Co.
Wood & Spencer Co., The

GAGE MOUNTINGS—63-073

Alina Corp.
Blackhawk Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Collins Microflat Co.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Electro-Autosizing Machine Corp.
Enco Mfg. Co.
Federal Products Corp.
Gilman, Inc., Russell T.
Koch Universal Test Indicator
Sheffield Corp., The
Size Control Co.
Superior Indicator Co.

GAGE RODS & WIRES—63-082

AA Gage Co.
Besly-Weltes Corp.
Cleveland Twist Drill Co., The
Crafts Co., Inc., Arthur A.
DeKalb Precision Industries
Eastern Precision Tool & Gage Co.
Horberg Gage Co., The
Lincoln Gage Co.
Lufkin Rule Co.
Morse Co., H. E.
Pratt & Whitney Co., Inc.
S & E Machine Products, Inc.
Sheffield Corp., The
Size Control Co.
Siocomb Co., J. T.
Sturdy Tool & Gage Co.
Van Keuren Co.

GAGES, BAR, FIXED OR ADJUSTABLE—63-051

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Armour Machine Co., Inc.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Colonial Mfg. Co., Inc.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Eastern Precision Tool & Gage Co.
Hanlo Gage Co.
Industrial Gages, Inc.
Johansson Gage Co., C. E.
Karniotis Precision Products, Inc.
Republic Gage Co.
Rite-O Tool & Gauge Co.
Rocheleau Tool & Die Co., Inc.
Scherr Co., Inc., George
Seibert & Sons, Inc.
Sheffield Corp., The
Siocomb Co., J. T.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taper Micrometer Corp.
Tubular Micrometer Co.
Union Gage Corp.
Van Keuren Co.
Webber Gage Co.
Wiedemann Machine Co.

GAGES, BORE, DIAL—63-061

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Alina Corp.
American Cystoscope Makers, Inc.
Ames Co., B. C.
Bedford Gear & Machine Products, Inc.
Boice Gages, Inc.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Comtor Co., The
Davis Gage & Eng. Co., A. G.
DoAll Co., The
Dorsey Gage Co., Inc.
Erinac Equipment Corp.
Federal Products Corp.

Hamilton Watch Co., Industrial Div.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Lincoln Gage Co.
Morse Co., H. E.
Penniman Co., Elisha
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Standard Gage Co., Inc.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Testing Machines, Inc.
Transocean Trading Co.
Tubular Micrometer Co.
Wiedemann Machine Co.

GAGES, BORE, FIXED OR ADJUSTABLE—63-052

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Bendix Aviation Corp.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Colonial Mfg. Co., Inc.
Crafts Co., Inc., Arthur A.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Eastern Precision Tool & Gage Co.
Electro-Autosizing Machine Corp.
Foster Supplies Co.
Hamilton Watch Co., Industrial Div.
Hanlo Gage Co.
Hi-Precision Grinding, Inc.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Lincoln Park Industries, Inc.
Neise, Karl A.
Pratt & Whitney Co., Inc.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Size Control Co.
Standard Gage Co., Inc.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Wiedemann Machine Co.

GAGES, DEPTH, DIAL—63-062

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Ames Co., B. C.
Besly-Weltes Corp.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chicago Dial Indicator Co.
Colonial Mfg. Co., Inc.
Davis Gage & Eng. Co., A. G.
DoAll Co., The
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Erinac Equipment Corp.
Federal Products Corp.
Hamilton Watch Co., Industrial Div.
Hanlo Gage Co.
Holmes Gage & Development Corp.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Mohawk File & Tool Co.
Morse Co., H. E.
Ovee Gauge Co.
Petz-Emery, Inc.
Riggs Co., Wm. L.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Standard Gage Co., Inc.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Testing Machines, Inc.
Tubular Micrometer Co.
Union Gage Corp.
Wiedemann Machine Co.

GAGES, GROOVE, DIAL—63-063

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Ames Co., B. C.
Bedford Gear & Machine Products, Inc.
Boice Gages, Inc.

Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Colonial Mfg. Co., Inc.
Davis Gage & Eng. Co., A. G.
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Ex-Cell-O Corp.
Federal Products Corp.
Hanlo Gage Co.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Morse Co., H. E.
Petz-Emery, Inc.
Riggs Co., Wm. L.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Standard Gage Co., Inc.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Testing Machines, Inc.
Wiedemann Machine Co.

GAGES, GROOVE, FIXED OR ADJUSTABLE—63-055

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Cam-Val Machine Works, Inc.
Colonial Mfg. Co., Inc.
Crafts Co., Inc., Arthur A.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Eastern Precision Tool & Gage Co.
Hanlo Gage Co.
Holmberg & Co., Inc., August W.
Industrial Gages, Inc.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Karniotis Precision Prod., Inc.
Neise, Karl A.
Products Engineering & Mfg. Co.
Reska Spline Products Co.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Siocomb Co., J. T.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Testing Machines, Inc.
Tiplor Eng. & Mfg. Co.
Wiedemann Machine Co.

GAGES, HEIGHT, DIAL—63-064

AA Gage Co.
Ames Co., B. C.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Challenge Machinery Co., The
Chicago Dial Indicator Co.
Colonial Mfg. Co., Inc.
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Erinac Equipment Corp.
Federal Products Corp.
Foster Supplies Co.
Hamilton Watch Co., Industrial Div.
Holmes Gage & Development Corp.
Johansson Gage Co., C. E.
Mohawk File & Tool Co.
Penniman Co., Elisha
Rite-O Tool & Gage Co.
Rocheleau Tool & Die Co., Inc.
Scherr Co., Inc., George
Seibert & Sons, Inc.
Sheffield Corp., The
Standard Gage Co., Inc.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Testing Machines, Inc.
Tubular Micrometer Co.
Wiedemann Machine Co.

GAGES, MECHANICS—74-022

AA Gage Co.
Alina Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Crafts Co., Inc., Arthur A.
DoAll Co., The

PRODUCTS

GAGES, MECHANICS—74-022 (cont.)

Ercona Corp.
Federal Products Corp.
General Hardware Mfg. Co., Inc.
Greist Mfg. Co., The
H B Tool Co.
Hayden Twist Drill Co.
Lufkin Rule Co.
Millers Falls Co.
Neise, Karl A.
Pic Design Corp.
Rochelleau Tool & Die Co., Inc.
Scherr Co., Inc., George
Size Control Co.
Starrett Co., L. S., The
Swedish Gage Co.
Taper Micrometer Corp.
Transocean Trading Co.
Tubular Micrometer Co.
Van Keuren Co.
Webber Gage Co.

GAGES, MICROMETER, MECHANICS—74-023

Acme Scientific Co.
Alina Corp.
Arizona Tool & Die Co.
Boeckler Instrument Co.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Coastal Abrasive and Tool Co., Inc.
Dice Co., J. W.
DoAll Co., The
Engle Equipment Co.
Ercona Corp.
Erinac Equipment Corp.
Federal Products Corp.
General Hardware Mfg. Co., Inc.
Greist Mfg. Co., The
Illinois Metal Products
Industrial Tool Service
Lufkin Rule Co.
Millers Falls Co.
Montgomery & Co., Inc.
Neise, Karl A.
Scherr Co., Inc., George
Size Control Co.
Opto Metric Tools, Inc.
Slocumb Co., J. T.
Snap-on Tools Corp.
Starrett Co., L. S., The
Swedish Gage Co.
Taper Micrometer Corp.
Tiplor Eng. & Mfg. Co.
Transocean Trading Co.
Tubular Micrometer Co.
Zeiss, Inc., Carl

GAGES, MICROMETER TYPE—63-101

Acme Industrial Co.
Acme Scientific Co.
Alina Corp.
American & Overseas Trading Co.
Ames Co., B. C.
Arizona Tool & Die Co.
Boeckler Instrument Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Dice Co., J. W.
DoAll Co., The
Engle Equipment Co.
Ercona Corp.
Federal Products Corp.
Hamilton Watch Co., Industrial Div.
Hawkeye Specialty Co.
Holmes Gage & Development Corp.
Industrial Tool Service
Johansson Gage Co., C. E.
Lufkin Rule Co.
Millers Falls Co.
Neise, Karl A.
Opto Metric Tools, Inc.
Scherr Co., Inc., George
Sensory, Inc.
Sheffield Corp., The
Size Control Co.
Slocumb Co., J. T.
Starrett Co., L. S., The
Taper Micrometer Corp.
Testing Machines, Inc.
Tubular Micrometer Co.

GAGES, PLUG, FIXED OR ADJUSTABLE—63-053

AA Gage Co.
Acme Broach Corp.
Bath & Co., Inc., John
Beloit Tool Corp., Regal Div.

Bendix Aviation Corp.
Besly-Welles Corp.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Cadillac Gage Co.
Card Div., S. W.
Colonial Mfg. Co., Inc.
Crafts Co., Inc., Arthur A.
Dearborn Gage Co.
DeKalb Precision Industries
Detroit Tap & Tool Co.
DoAll Co., The
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Dundick Tool Works, Inc.
Eastern Precision Tool & Gage Co.
Economy Tool & Machine Co.
Electro-Autosizing Machine Corp.
Godwin Gage Co.
Greenfield Tap & Die
Hamilton Watch Co., Industrial Div.
Hanson-Whitney Co.
Holmberg & Co., Inc., August W.
Hy-Pro Tool Co.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Karniot Precision Prod., Inc.
Lincoln Gage Co.
Lincoln Park Industries, Inc.
Middlestadt Machine Co., The
Morse Co., H. E.
Oberg Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Pipe Machinery Co., The
Pratt & Whitney Co., Inc.
Republic Gage Co.
Rite-O Tool & Gage Co.
S & E Machine Products, Inc.
Scherr Co., Inc., George
Schmitt Co., R. L.
Sheffield Corp., The
Size Control Co.
Standard Gage Co., Inc.
Standard Tool Co.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Taper Micrometer Corp.
Threadwell Tap & Die Co.
Van Keuren Co.
Wiedemann Machine Co.
Winter Brothers Co.
Wood & Spencer Co., The
Woodworth Co., N. A.

GAGES, PRESSURE (see Pressure Gages)

GAGES, RING, FIXED OR ADJUSTABLE—63-054

AA Gage Co.
Bath & Co., Inc., John
Beloit Tool Corp., Regal Div.
Bendix Aviation Corp.
Besly-Welles Corp.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Cadillac Gage Co.
Card Div., S. W.
Comtor Co., The
Crafts Co., Inc., Arthur A.
Dearborn Gage Co.
DeKalb Precision Industries
Detroit Tap & Tool Co.
DoAll Co., The
Dorsey Gage Co., Inc.
Eastern Precision Tool & Gage Co.
Economy Tool & Machine Co.
Electro-Autosizing Machine Corp.
Godwin Gage Co.
Greenfield Tap & Die
Hanson-Whitney Co.
Holmberg & Co., Inc., August W.
Hy-Pro Tool Co.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Lincoln Gage Co.
Lincoln Park Industries, Inc.
Middlestadt Machine Co., The
Morse Co., H. E.
Oberg Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Pipe Machinery Co., The
Pratt & Whitney Co., Inc.
Republic Gage Co.
Rite-O Tool & Gage Co.
S & E Machine Products, Inc.

Size Control Co.
Schmitt Co., R. L.
Sheffield Corp., The
Standard Gage Co., Inc.
Standard Tool Co.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Taper Micrometer Corp.
Threadwell Tap & Die Co.
Van Keuren Co.
Wiedemann Machine Co.
Winter Brothers Co.
Wood & Spencer Co., The
Woodworth Co., N. A.

GAGES, SNAP, DIAL—63-065

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Alina Corp.
Ames Co., B. C.
Bedford Gear & Machine Products, Inc.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chicago Dial Indicator Co.
Colonial Mfg. Co., Inc.
Davis Gage & Eng. Co., A. G.
DoAll Co., The
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Erinac Equipment Corp.
Federal Products Corp.
Holmes Gage & Development Corp.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Lincoln Park Industries, Inc.
Morse Co., H. E.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Size Control Co.
Standard Gage Co., Inc.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taper Micrometer Corp.
Testing Machines, Inc.
Threadwell Tap & Die Co.
Tubular Micrometer Co.
Wiedemann Machine Co.

GAGES, SNAP, FIXED OR ADJUSTABLE—63-056

AA Gage Co.
Acra-Ment Instrument Div., Green Mfg. Co., Inc.
Alina Corp.
American Standard Co.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Colonial Mfg. Co., Inc.
Crafts Co., Inc., Arthur A.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
DoAll Co., The
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Eastern Precision Tool & Gage Co.
Electro-Autosizing Machine Corp.
Foster Engineering Co.
Greenfield Tap & Die
Hanlo Gage Co.
Holmberg & Co., Inc., August W.
Industrial Gages, Inc.
Johansson Gage Co., C. E.
Karniot Precision Prod., Inc.
Lincoln Gage Co.
Middlestadt Machine Co., The
Oberg Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Pipe Machinery Co., The
Pratt & Whitney Co., Inc.
Republic Gage Co.
Reska Spline Products Co.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Size Control, Inc.
Slocumb Co., J. T.
Standard Gage Co., Inc.
Standard Parts Co.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The

**GAGES, SNAP, FIXED OR
ADJUSTABLE—63-056 (cont.)**

Threadwell Tap & Die Co.
Tietzmann Tool Corp.
Tubular Micrometer Co.
Wiedemann Machine Co.

GAGES, SPECIAL PURPOSE, DIAL—63-067

AA Gage Co.
Acme Broach Corp.
Acme Industrial Co.
Acme Scientific Co.
Acra-Ment Instrument Div., Green
Mfg. Co., Inc.
Alina Corp.
American Diamond Tool & Gauge Co.
Ames Co., B. C.
Bedford Gear & Machine Products, Inc.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Chicago Dial Indicator Co.
Colonial Mfg. Co., Inc.
Comtor Co., The
Connecticut Tool & Engineering Co.
Davis Gage & Eng. Co., A. G.
Dearborn Gage Co.
DoAll Co., The
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Eastern Precision Tool & Gage Co.
Erinac Equipment Corp.
Federal Products Corp.
Hamilton Watch Co., Industrial Div.
Hanlo Gage Co.
Hoopmann, Inc., W.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Modern Industrial Engineering Co.
Morse Co., H. E.
Orban Co., Inc., Kurt
Ovee Gauge Co.
Payne Tool and Engineering Co., The
Pipe Machinery Co., The
Petz-Emery, Inc.
Pratt & Whitney Co., Inc.
Riggs Co., Wm. L.
Rite-O Tool & Gage Co.
Rocheleau Tool & Die Co., Inc.
Scherr Co., Inc., George
Sheffield Corp., The
Size Control Co.
Standard Gage Co., Inc.
Starrett Co., L. S., The
Studebaker Hydraulic Products Co.
Sturdy Tool & Gage Co.
Superior Indicator Co.
Swedish Gage Co.
Taper Micrometer Corp.
Testing Machines, Inc.
Tubular Micrometer Co.
Union Gage Corp.
Wiedemann Machine Co.

**GAGES, SPECIAL PURPOSE,
FIXED OR ADJUSTABLE—63-059**

AA Gage Co.
Acme Broach Corp.
Acme Scientific Co.
Acra-Ment Instrument Div., Green
Mfg. Co., Inc.
Alina Corp.
American Standard Co.
Armour Machine Co., Inc.
Atlas Tool & Die Wks.
Bealy-Welles Corp.
Boice Gages, Inc.
Branson Instruments, Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Carroll Pressed Metal, Inc.
Century Detroit
City Tool Corp.
Cleveland Instrument Co.
Colonial Mfg. Co., Inc.
Conray Electro-Mechanical Corp.
Crafts Co., Inc., Arthur A.
Davis Gage & Eng. Co., A. G.
Dearborn Gage Co.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Dow Mechanical Corp., The
Dundick Tool Works, Inc.
Eastern Precision Tool & Gage Co.
Electro-Aut sizing Machine Corp.
Ereona Corp.
Garrison Machine Works, Inc.
Greenfield Tap & Die
Hanlo Gage Co.

Hawkeye Specialty Co.
Holmberg & Co., Inc., August W.
Holmes Gage & Development Corp.
Industrial Gages, Inc.
Industrial Tool Service
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Karniotis Precision Products, Inc.
Liberty Tool & Die Corp.
Lincoln Gage Co.
Middlestadt Machine Co., The
Midwest Tool & Engineering Co., The
New Britain Tool & Mfg. Co., Inc.
Oberg Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Petz-Emery, Inc.
Pipe Machinery Co., The
Pratt & Whitney Co., Inc.
Radio Corp. of America
Republic Gage Co.
Reska Spine Products Co.
Riggs Co., Wm. L.
Rite-O Tool & Gage Co.
S & E Machine Products, Inc.
Scherr Co., Inc., George
Scully-Jones & Co.
Shaker Tool & Die Co.
Sheffield Corp., The
Size Control Co.
Siocomb Co., J. T.
Standard Gage Co., Inc.
Standard-Modern Tool Co., Ltd.
Standard Parts Co.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Taper Micrometer Corp.
Testing Machines, Inc.
Tiplor Eng. & Mfg. Co.
Tools, Inc.
Trio Tool Co.
Tru-Center Products
Tubular Micrometer Co.
Universal Instruments Corp.
Van Keuren Co.
Warner & Swasey Co., The
Webber Gage Co.
Wiedemann Machine Co.

GAGES, SURFACE, DIAL—63-068
Kick Universal Test Indicator
Surface Checking Gage Co.

GAGES, TAPER—63-106
Taper Micrometer Corp.

GAGES, TEMPLATE—63-058

AA Gage Co.
American Standard Co.
Atlas Tool & Die Wks.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Century Detroit
City Tool Corp.
DeKalb Precision Industries
Eastern Precision Tool & Gage Co.
Electro-Aut sizing Machine Corp.
Erinac Equipment Corp.
Gage Co.
Industrial Gages, Inc.
Inspection Equipment Co.
Johansson Gage Co., C. E.
Karniotis Precision Prod., Inc.
Liberty Tool & Die Corp.
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
New Britain Tool & Mfg. Co., Inc.
Oberg Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Pratt & Whitney Co., Inc.
Republic Gage Co.
Reska Spine Products Co.
Rite-O Tool & Gage Co.
Shaker Tool & Die Co.
Sheffield Corp., The
Size Control Co.
Standard Parts Co.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Tietzmann Tool Corp.
Trio Tool Co.
Wiedemann Machine Co.

GAGES, THREAD, DIAL—63-066
AA Gage Co.
Boice Gages, Inc.

Brown & Sharpe Mfg. Co., Industrial
Products Div.
Davis Gage & Eng. Co., A. G.
Ex-Cell-O Corp.
Federal Products Corp.
Hanson-Whitney Co.
Jerpak-Bayless Co.
Ovee Gauge Co.
Pratt & Whitney Co., Inc.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Standard Gage Co., Inc.
Sturdy Tool & Gage Co.
Taft-Peirce Mfg. Co., The
Wiedemann Machine Co.

**GAGES, THREAD, FIXED OR
ADJUSTABLE—63-057**

AA Gage Co.
Alameda Gage Co.
Bachmann Co., Inc., Erie R.
Bath & Co., Inc., John
Beloit Tool Corp., Regal Div.
Bealy-Welles Corp.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Cadillac Gage Co.
Card Div., S. W.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Detroit Tap & Tool Co.
DoAll Co., The
Erinac Equipment Corp.
Godwin Gage Co.
Greenfield Tap & Die
H B Tool Co.
Hanson-Whitney Co.
Hell-Coil Corp.
Jerpak-Bayless Co.
Johansson Gage Co., C. E.
Lincoln Gage Co.
Morse Co., H. E.
Ovee Gauge Co.
Pipe Machinery Co., The
Pratt & Whitney Co., Inc.
Republic Gage Co.
Size Control Co.
Rite-O Tool & Gage Co.
Royer Tap & Tool Corp.
Scherr Co., Inc., George
Sheffield Corp., The
Simmons Co., W. R.
Siocomb Co., J. T.
Standard Tool Co.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Threadwell Tap & Die Co.
Tiplor Eng. & Mfg. Co.
Tubular Micrometer Co.
Van Keuren Co.
Wiedemann Machine Co.
Winter Brothers Co.
Wood & Spencer Co., The
Woodworth Co., N. A.

GAGES, TOOL SETTING—63-108
Cross Co., The

GAGES, ULTRASONIC—63-107
Branson Instruments, Inc.

GAGES, VERNIER TYPE—63-104
Koenig, William A.

**GAGING EQUIPMENT,
AUTOMATIC—63-102**

Airborne Instruments Laboratory
Cargill Detroit Corp.
Feedmatic-Detroit, Inc.
Federal Products Corp.
Foster Engineering Co.
Garrison Machine Works, Inc.
Inter-Lakes Engineering Co.
Merz Engineering, Inc.
Pratt & Whitney Co., Inc.
RCA Industrial & Machine Tool
Operations
Sheffield Corp., The
Stromberg-Carlson
U. S. Engineering Co.
Warner & Swasey Co., The

GAGING EQUIPMENT, FIXTURE—63-042
AA Gage Co.
A & C Engineering Co.

PRODUCTS

GAGING EQUIPMENT, FIXTURE—(cont.)

Aera-Ment Instrument Div.
Airborne Instruments Laboratory
Alina Corp.
Armour Machine Co., Inc.
Boice Gages, Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Can-Val Machine Works, Inc.
Challenge Machinery Co., The
Century Detroit
Cleveland Instrument Co.
Collins Microflat Co.
Connecticut Tool & Engineering Co.
Davis Gage & Eng. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Eastern Precision Tool & Gage Co.
Electro-Autolizing Machine Corp.
Engis Equipment Co.
Federal Products Corp.
Foster Engineering Co.
Hanlo Gage Co.
Johansson Gage Co., C. E.
Karniotis Precision Prod., Inc.
Midwest Tool & Engineering Co., The
Orban Co., Inc., Kurt
Payne Tool and Engineering Co., The
Pratt & Whitney Co., Inc.
Reska Spline Products Co.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Sheffield Corp., The
Size Control Co.
Slocumb Co., J. T.
Borensen Center-Mikes, Inc.
Starrett Co., L. S., The
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peires Mfg. Co., The
Taper Micrometer Corp.
Testing Machines, Inc.
Tubular Micrometer Co.
Van Keuren Co.
Warner & Swasey Co., The
Wharton and Wilcocks of America, Inc.
Wiedemann Machine Co.
Woodworth Co., N. A.

GAGING EQUIPMENT, OPTICAL—63-041

AA Gage Co.
Acme Industrial Co.
Alina Corp.
American Instrument Co., Inc.
American Standard Co.
Bausch & Lomb Optical Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Carr Lane Mfg. Co.
Century Detroit
Challenge Machinery Co., The
Collins Microflat Co.
Columbia International Corp.
Davidson Mfg. Co.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Eastman Kodak Co.
Engis Equipment Co.
Ercona Corp.
Gaertner Scientific Corp., The
Industrial Lofting & Mfg. Co., Inc.
Inspection Equipment Co.
Jones & Lamson Machine Co.
Machine Products Corp.
Optical Gaging Products, Inc.
Opto Eng. Co.
Opto Metric Tools, Inc.
Pacific Transducer Corp.
Rite-O Tool & Gage Co.
Rochelleau Tool & Die Co., Inc.
Scherr Co., Inc., George
Simpson Optical Mfg. Co.
Stocker and Yale, Inc.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Tubular Micrometer Co.
Unifon Instrument Div.
Webber Gage Co.
Wharton and Wilcocks of America, Inc.
Wiedemann Machine Co.
Zeiss, Inc., Carl

GASKETS—91-070

American Felt Co.
Armstrong Cork Co.
Artus Corp., The
Crane Packing Co.
Garlock Packing Co., The
Houghton & Co., E. F.

Laminated Shim Co., Inc.
Polymer Corp., The
Raybestos-Manhattan, Inc.
United States Gasket Co., Plastics Div.
of Garlock Packing Co.
United States Rubber Co.

GASES, COMPRESSED—03-020

Air Products, Inc.
Air Reduction Sales Co.
Linde Co.
Wall Colmonoy Corp.

GEAR DRIVES (see Drives, Gear)

GEAR FORM MILLING MACHINES—11-063

Aaron Machinery Co., Inc.
Bachmann Co., Inc., Eric R.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Fidelity Machine Tool Inc.
Gould & Eberhardt, Inc.
Orban Co., Inc., Kurt
Pottier & Johnston Co.
Russell, Holbrook & Henderson, Inc.
Waltham Machine Works, Inc.

GEAR GENERATING MACHINES, SINGLE POINT—11-069

Illinois Tool Works

GEAR GRINDING MACHINES—11-067

Fellows Gear Shaper Co., The
Gear Grinding Machine Co., The
Gleason Works, The
National Broach & Machine Co.
Pratt & Whitney Co., Inc.
Russell, Holbrook & Henderson, Inc.
Sheffield Corp., The
Sykes Machine & Gear Corp.
Van Norman Machine Co.

GEAR HOBBING MACHINES—11-061

Aaron Machinery Co., Inc.
American Schless Corp.
Bachmann Co., Inc., Eric R.
Barber-Colman Co.
Barer Engineering & Machinery Co., Ltd.
Carney-Stansfield Co.
Cleveland Hobbing & Machine Co.
Cosa Corp.
Fellows Gear Shaper Co., The
Fidelity Machine Tool, Inc.
Gould & Eberhardt, Inc.
Hamilton Tool Co., The
Hirschmann Co., Inc., Carl
Lees-Bradner Co., The
Marac Machinery Corp.
Michigan Tool Co.
Orban Co., Inc., Kurt
Russell, Holbrook & Henderson, Inc.
Scherr Co., Inc., George
Sigma Machinery, Inc.
Sykes Machine & Gear Corp.

GEAR MEASURING MACHINES—63-020

AA Gage Co.
Aaron Machinery Co., Inc.
Carney-Stansfield Co.
Cosa Corp.
Custom Scientific Instruments, Inc.
Engis Equipment Co.
Erinac Equipment Corp.
Fellows Gear Shaper Co., The
Fidelity Machine Tool, Inc.
Gleason Works, The
High Precision Products Co.
Illinois Tool Works
Jones & Lamson Machine Co.
Michigan Tool Co.
National Broach & Machine Co.
Optical Gaging Products, Inc.
Opto Metric Tools, Inc.
Orban Co., Inc., Kurt
Scherr Co., Inc., George
Sensory, Inc.
Sykes Machine & Gear Corp.
Technix Co.
Vineco Corp.
Warner & Swasey Co., The
Zeiss, Inc., Carl

GEAR PLANING MACHINES—11-065

Aaron Machinery Co., Inc.
Carney-Stansfield Co.

Fellows Gear Shaper Co., The
Fidelity Machine Tool, Inc.
Gleason Works, The
Mesta Machine Co.
Orban Co., Inc., Kurt
Swift Ohio Corp.
Sykes Machine & Gear Corp.

GEAR SHAPING MACHINES—11-062

Aaron Machinery Co., Inc.
American Schless Corp.
Barer Engineering & Machinery Co., Ltd.
Carney-Stansfield Co.
Fellows Gear Shaper Co., The
Fidelity Machine Tool, Inc.
Gleason Works, The
High Precision Products Co.
Michigan Tool Co.
Russell, Holbrook & Henderson, Inc.
Seewald, Inc.
Sigma Machinery, Inc.
Swift Ohio Corp.
Sykes Machine & Gear Corp.
Technix Co.

GEAR TESTING MACHINES—64-060

Gleason Works, The

GEAR TOOTH FINISHING MACHINES—11-066

Aaron Machinery Co., Inc.
Cleveland Hobbing & Machine Co.
Cosa Corp., The
Fellows Gear Shaper Co., The
Gleason Works, The
Hammond Machinery Builders, Inc.
High Precision Products Co.
Illinois Tool Works
Michigan Tool Co.
National Broach & Machine Co.
Orban Co., Inc., Kurt
Pratt & Whitney Co., Inc.
Sheffield Corp., The
Sigma Machinery, Inc.
Sykes Machine & Gear Corp.
Technix Co.
Thompson Grinder Co., The

GEARS—83-019

Abart Gear & Machine Co.
Accurate Gear Racks
American Gear & Mfg. Co.
Amplex Div., Chrysler Corp.
Arrow Gear Co.
Bedford Gear & Machine Products, Inc.
Bond Co., Charles
Boston Gear Works
Braun Gear Co.
Brush Machine Tool Co.
Camdale Precision, Inc.
Chicago Rawhide Mfg. Co.
Cincinnati Gear Co., The
Cleveland Worm & Gear Co., The
Cloyes Gear & Products, Inc.
Cone-Drive Gears
Daco Metal Products
Dieffendorf Gear Corp.
Brad Foote Gear Works, Inc.
Foote Bros. Gear & Mach. Corp.
Gear Specialties, Inc.
General Electric Co.
Grant Gear Works, Inc.
Grob, Inc.
Heppenstall Co.
Hewitt-Robins, Inc.
High Precision Products Co.
Illinois Gear & Machine Co.
Janette Electric Mfg. Co.
Link Aviation, Inc.
Link-Belt Co.
Mass. Gear & Tool Co.
Mesta Machine Co.
Michigan Tool Co.
National Broach & Machine Co.
Ohio Gear Co., The
Orban Co., Inc., Kurt
Peerless Gear & Machine Co., Inc.
Perkins Machine & Gear Co.
Pic Design Corp.
Pottstown Machine Co.
Sewall Mfg. Co., E. B.
Sier-Bath Gear & Pump Co.
Simonds Gear & Mfg. Co., The
Skidmore Gear Co.
Stahl Gear & Machine Co., The
Standard Steel Specialty Co.
Sykes Machine & Gear Corp.
Turner Uni-Drive Co.

GEARS—83-019 (cont.)

United States Rubber Co.
Vard, Inc.
Verson Allsteel Press Co.
Vineo Corp.
Western Gear Corp.
Westinghouse Electric Corp.
Williamson Gear & Machine Co.
XL Gears, Inc.

GENERATORS, ELECTRIC—81-050

Leland Electric Co., The
Katolight Corp.

GRINDERS, PORTABLE ELECTRIC—73-060

Albertson & Co., Inc.
Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Chicago Wheel & Mfg. Co.
Curtis Machine Div., The Carborundum Co.
Dremel Mfg. Co.
Dumore Co., The
Foredom Electric Co., Inc.
Hanchett Mfg. Co.
Haskins Co., R. G.
Hoe & Co., Inc., R.
Ingersoll-Rand Co.
Martindale Electric Co.
McGonegal Mfg. Co., The
Millers Falls Co.
Milwaukee Electric Tool Corp.
Nedco Co., The
Precision Products Corp.
Remington Arms Co., Inc.
Rotor Tool Co., The
Skill Corp.
Snap-on Tools Corp.
Standard Electrical Tool Co., The
Stanley Works, The
Thor Power Tool Co.
U. S. Electrical Tool Co.
Walker-Turner Div.
Wodack Electric Tool Corp.
Wyzenbeek & Staff, Inc.

GRINDERS, PORTABLE PNEUMATIC—71-060

Airetool Mfg. Co., The
Aro Equipment Corp., The
Bellows Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Div.
Gardner-Denver Co.
Ingersoll-Rand Co.
M-B Products, Inc.
Madison - Kipp Corp.
Master Pneumatic Tool Co., Inc.
Metal Removal Co., The
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Remington Arms Co., Inc.
Rotor Tool Co., The
Skill Corp.
Starlite Industries, Inc.
Superior Pneumatic & Mfg., Inc.
Thor Power Tool Co.

GRINDING ATTACHMENTS, CENTERLESS—12-073

S & E Machine Products, Inc.

GRINDING ATTACHMENTS, JIG—12-071

AA Gage Co.
Accord Tool & Machine, Inc.
Anton Machine Works
Bentley Industrial Corp.
Chicago Tool & Engineering Co.
Curtis Machine Div., The Carborundum Co.
Harig Mfg. Corp.
Industrial City Boring Co.
Karniotis Precision Prod., Inc.
Knight Machinery Co., W. B.
Magic City Mach. & Tool Co.
National Diamond Laboratory
Onarud Machine Works, Inc.
Rocheleau Tool & Die Co., Inc.
Sopko & Sons Co., Wm.
Starlite Industries, Inc.
Universal Instruments Corp.
Vulcan Tool Co.
Walker-Turner Div.
Warner & Swasey Co., The

GRINDING ATTACHMENTS, TOOL POST—12-072

Anton Machine Works
Boggis & Co., Henry P.
Cincinnati Electrical Tool Co., The
Cincinnati Milling Machine Co.
Curtis Machine Div., The Carborundum Co.
Dumore Co., The
Lee Co., K. O.
McGonegal Mfg. Co., The
Monarch Machine Shop, Inc.
Onarud Machine Works, Inc.
Precision Products Corp.
Ryman Engineering Co.
Standard Electrical Tool Co., The
Stark Tool Co.
U. S. Electrical Tool Co.

GRINDING ATTACHMENTS, TOOL SHARPENING—12-074

Detroit Reamer & Tool Co.
Rockford Tool & Die Work, Inc.
S & D Engineering Co.
Steptool Corp.
Up-To-Date Tool Co.
Weldon Tool Co., The
Wohlfiert Engineering & Mfg. Co.

GRINDING MACHINES, BENCH—11-079

Aaron Machinery Co., Inc.
Albertson & Co., Inc.
American Lip Corp.
B & E Mfg. Co., Inc.
Baidor Electric Co.
Bentley Industrial Corp.
Black & Decker Mfg. Co., The
Brown-Brockmeyer Co., The
Cincinnati Electrical Tool Co., The
Clausing Div., Atlas Press Co.
Crystal Lake Grinders
Curtis Machine Div., The Carborundum Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Engelberg, Inc.
Hammond Machinery Builders, Inc.
Hartex Div., Union Twist Drill Co.
Hirschmann Co., Inc., Carl
Hisey-Wolf Machine Co., The
Industrial City Boring Co.
Industrial Tool Service
Ingersoll-Rand Co.
Johnson & Bassett, Inc.
Jones & Lamson Machine Co.
Masters Precision Tools Co.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Norton Co., The
Prosser & Son, Thomas
Queen City Machine Tool Co.
Royal Oak Tool & Mach. Co., Grinder Div.
Ryman Engineering Co.
Schauer Mfg. Corp.
Seewald, Inc.
Skill Corp.
Snap-on Tools Corp.
Standard Electrical Tool Co., The
Thor Power Tool Co.
U. S. Electrical Tool Co.
Walker-Turner Div.
Wickman Mfg. Co.

GRINDING MACHINES, CENTERLESS—11-073

Aaron Machinery Co., Inc.
Acme Mfg. Co.
Alina Corp.
American Laubacher Corp.
B. S. A. Tools, Ltd.
Bachmann Co., Inc., Eric R.
Bentley Industrial Corp.
Bryant Chucking Grinder Co.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Curtis Machine Div., The Carborundum Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Engelberg, Inc.
Fidelity Machine Tool, Inc.
Glebar Co., Inc.
Heald Machine Co., The
Landis Tool Co.
Norton Co., Abrasive Div.
Sigma Machinery, Inc.

Thompson Mfg. Co., Earl A.
Van Norman Machine Co.

GRINDING MACHINES, DISKS—11-088

Aaron Machinery Co., Inc.
Acme Mfg. Co.
Albertson & Co., Inc.
Besly-Welles Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cincinnati Electrical Tool Co.
Delta Power Tool Div.
Gardner Machine Co.
Grinding & Polishing Machinery Corp.
Hisey-Wolf Machine Co., The
Kindt-Collins Co.
Mattison Machine Works
Max Mfg. Co.
Milwaukee Electric Tool Corp.
Oliver Machinery Co.
Porter-McLeod Machine Tool Co., Inc.
Queen City Machine Tool Co.
Skill Corp.
Southern Machine Tool Co.
Standard Electrical Tool Co., The
Thor Power Tool Co.
U. S. Electrical Tool Co.
Walker-Turner Div.
Walls Sales Corp.

GRINDING MACHINES, ELECTROLYTIC—11-086

Anocut Engineering Co.
Everite Machine Products Co.
Ex-Cell-O Corp.
Hammond Machinery Builders, Inc.

GRINDING MACHINES, EXTERNAL CYLINDRICAL—11-071

AA Gage Co.
Aaron Machinery Co., Inc.
Acme Mfg. Co.
Alina Corp.
Austin Industrial Corp.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Columbia International Corp.
Cosa Corp.
Crystal Lake Grinders
Dumore Co., The
Engelberg, Inc.
Fidelity Machine Tool, Inc.
Frauenthal Div.
Gallmeyer & Livingston Co.
Giustina Corp. of America, The
Hammond Machinery Builders, Inc.
Heald Machine Co., The
Hill-Clarke Machinery Co.
Hirschmann Co., Inc., Carl
Jones & Lamson Machine Co.
Landis Tool Co.
Marac Machinery Corp.
Mesta Machine Co.
Norton Co., Abrasive Div.
Norton Co., The
Olivetti Corp. of America
Orban Co., Inc., Kurt
Parker-Majestic, Inc.
Rivett Lathe & Grinder, Inc.
Ryman Engineering Co.
S & S Machinery Co.
Sheffield Corp., The
Sigma Machinery, Inc.
Sundstrand Machine Tool Co.
Thompson Mfg. Co., Earl A.
Van Norman Machine Co.
Wohlfiert Engineering & Mfg. Co.

GRINDING MACHINES, FORM—11-076

Sheffield Corp., The
Thompson Grinder Co., The

GRINDING MACHINES, GEAR (see Gear Grinding Machines)

GRINDING MACHINES, INTERNAL CYLINDRICAL—11-072

AA Gage Co.
Aaron Machinery Co., Inc.
Acme Mfg. Co.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.

PRODUCTS

GRINDING MACHINES, INTERNAL CYLINDRICAL—11-072 (cont.)

Brown & Sharpe Mfg. Co., Machine Tool Div.
Bryant Chucking Grinder Co.
Carney-Stansfield Co.
Columbia International Corp.
Crystal Lake Grinders
Dumore Co., The
Fidelity Machine Tool, Inc.
Frauenthal Div.
Gallmeyer & Livingston Co.
Giustina Corp. of America, The
Heald Machine Co., The
High Precision Products Co.
Hirschmann Co., Inc., Carl
Index Industrial Corp.
Industrial Tool Service
Marac Machinery Corp.
Mesta Machine Co.
Olivetti Corp. of America
Orban Co., Inc., Kurt
Parker-Majestic, Inc.
Pratt & Whitney Co., Inc.
Rivett Lathe & Grinder, Inc.
Ryman Engineering Co.
S & S Machinery Co.
Sigma Machinery, Inc.
Sundstrand Machine Tool Co.
Thompson Mfg., Earl A.
Threadwell Tap & Die Co.
Van Norman Machine Co.

GRINDING MACHINES, OPTICAL CONTOUR—11-080

American Laubacher Corp.
Cleveland Tool & Die Co.

GRINDING MACHINES, PROFILE—11-081

Boyar-Schultz Corp.
Ex-Cell-O Corp.

GRINDING MACHINES, RECIPROCATING SURFACE—11-075

Aaron Machinery Co., Inc.
Acme Mfg. Co.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Buas Machine Works, Inc.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Columbia International Corp.
Covel Mfg. Co.
Crystal Lake Grinders
Curtis Machine Div.
DoAll Co., The
Engelberg, Inc.
Engis Equipment Co.
Fidelity Machine Tool, Inc.
Foots-Burt Co., The
Gallmeyer & Livingston Co.
Gardner Machine Co.
Graham Machine Tool Co.
Harig Mfg. Corp.
Harvey Mfg. Corp.
Hermes Machine Tool Co., Inc.
Hill Acme Co., The
Hirschmann Co., Inc., Carl
Landis Tool Co.
M. B. I. Export & Import, Ltd.
Mattison Machine Works
Mercuria Co.
Morton Mfg. Co.
Norton Co., Abrasive Div.
Norton Co., The
Orban Co., Inc., Kurt
Parker-Majestic, Inc.
Ryman Engineering Co.
Sanford Mfg. Corp.
Seewald, Inc.
Sigma Machinery, Inc.
Taft-Peirce Mfg. Co., The
Thompson Grinder Co., The

GRINDING MACHINES, ROTARY SURFACES—11-074

Aaron Machinery Co., Inc.
Acme Mfg. Co.
Barer Engineering & Machinery Co., Ltd.
Besly-Wellies Corp.
Bischoff Machine Co.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.

Curtis Machine Div., The Carborundum Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Engelberg, Inc.
Gardner Machine Co.
Giustina Corp. of America, The
Heald Machine Co., The
Industrial City Boring Co.
Industrial Tool Service
Ingersoll-Rand Co.
Mattison Machine Works
Multiplex Co.
Onarud Machine Works, Inc.
Orban Co., Inc., Kurt
Parker-Majestic, Inc.
Rogers & Co., Samuel C.
S & S Machinery Co.
Seewald, Inc.
Sheffield Corp., The
Sigma Machinery, Inc.
Sundstrand Machine Tool Co.
Taft-Peirce Mfg. Co., The
Thompson Grinder Co., The
Von Arnault Co., W.
Walker-Turner Div.

GRINDING MACHINES, SWING FRAME & RADIAL—11-082

Mummert-Dixon Co.

GRINDING MACHINES, THREAD—11-077

Aaron Machinery Co., Inc.
Austin Industrial Corp.
Cosa Corp.
Ex-Cell-O Corp.
Fidelity Machine Tool, Inc.
Jones & Lamson Machine Co.
Orban Co., Inc., Kurt

GRINDING MACHINES, TOOL & CUTTER—11-078

Aaron Machinery Co., Inc.
American Laubacher Corp.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Blake Co., Inc., Edward
Blount Co., J. G.
Boggis & Co., Henry P.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Consolidated Machine Tool Div.
Cosa Corp.
Covel Mfg. Co.
Crosby Machine Tool Co.
Delta Power Tool Div., Rockwell Mfg. Co.
DeVlieg Microbore Div.
Ex-Cell-O Corp.
Fidelity Machine Tool, Inc.
Gallmeyer & Livingston Co.
Gorton Machine Co., George
Hammond Machinery Builders, Inc.
Hartex Div., Union Twist Drill Co.
Heald Machine Co., The
Hermes Machine Tool Co., Inc.
Hirschmann Co., Inc., Carl
Hudson Automatic Machine & Tool Co.
Index Industrial Corp.
Industrial Tool Service
Ingersoll Milling Machine Co.
Lee Co., K. O.
Jones & Lamson Machine Co.
Kearney & Trecker Corp.
Kemp Smith Machine Co.
Landis Tool Co.
Lapointe Machine Tool Co., The
Loeffel Co., Inc., Arthur, The
McDonough Mfg. Co.
Mercuria Co.
Mico Instrument Co.
Multiplex Co.
Mummert-Dixon Co.
New Hermes Engraving Machine Corp.
Norton Co., Abrasive Div.
Norton Co., The
Oliver Instrument Co.
Orban Co., Inc., Kurt
Pratt & Whitney Co., Inc.
Prosser & Son., Thomas
Rocheleau Tool & Die Co., Inc.
Royal Oak Tool & Mach. Co., Grinder Div.
Russell, Holbrook & Henderson, Inc.
S & D Engineering Co.
S & S Machinery Co.

Sigma Machinery, Inc.
South Bend Lathe Works
Standard Electrical Tool Co.
Sykes Machine & Gear Corp.
Technix Co.
Thompson Grinder Co., The
United Laboratories, Inc.
United Tool Co.
Von Arnault Co., W.
Walker-Turner Div.
Wickman Mfg. Co.
Wilkins, Inc., Alwin Fr.
Wohlfahrt Engineering & Mfg. Co.

GRINDING MACHINES, VERTICAL CHUCKING—11-085

Bullard Co., The
Frauenthal Div.

GRINDING WHEELS, GENERAL—13-051

A. I. T. Diamond Tool Co.
Albertson & Co., Inc.
American Emery Wheel Works
Bachmann Co., Inc., Eric R.
Bay State Abrasive Products Co.
Behr Manning Co.
Besly-Wellies Corp.
Black & Decker Mfg. Co., The
Blanchard Machine Co.
Carborundum Co., The
Chicago Wheel & Mfg. Co.
Coastal Abrasive and Tool Co., Inc.
Colonial Abrasive Products Co.
Cortland Grinding Wheels Corp.
Delta Power Tool Div., Rockwell Mfg. Co.
de Sanno & Son, Inc., A. P.
DeWalt Div.
Diamond Productions, Inc.
DoAll Co., The
Dumore Co., The
Electro Refractories & Abrasives Corp.
Foredom Electric Co., Inc.
Fuller Merriam Co., The
Gardner Machine Co.
Hanson Co.
Hoe & Co., Inc., R.
Industrial Tool Service
International Abrasive Corp.
Jerpak-Bayless Co.
Jowitt & Rodgers Co.
Macklin Co.
Metal Removal Co., The
Mid-West Abrasive Co.
National Grinding Wheel Co., Inc.
Nu-Matic Grinders, Inc.
Norton Co., Abrasive Div.
Pacific Grinding Wheel Co., Inc.
Pekay Abrasives, Inc.
Peninsular Grinding Wheel Div., Abrasive & Metal Products Co.
Penn Scientific Products Co.
Precise Products Corp.
Precision Grinding Wheel Co., Inc.
Prosser & Son, Thomas
Raybestos-Manhattan, Inc.
Robertson Mfg. Co.
Sanford Mfg. Corp.
Simmonds Abrasive Co.
Skill Corp.
Snap-on Tools Corp.
Sterling Grinding Wheel Co.
Time Saver Tools, Inc.
United States Rubber Co.
Valley Forge Grinding Wheel Co.
Vitrified Wheel Co.
Von Arnault Co., W.
Walker-Turner Div.

GRINDING WHEELS, DIAMOND—13-054

A. I. T. Diamond Tool Co.
Action Diamond Tool Co.
American Coldset Corp.
American Diamond Tool Corp.
B. S. A. Tools, Ltd.
Bay State Abrasive Products Co.
Carborundum Co., The
Clipper Diamond Tool Co., Inc.
Consolidated Diamond Tool Corp.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Delta Diamond Wheel Corp.
Dessau Co., Inc., Maurice S.
Diacraft, Inc.
Diamond Productions, Inc.
Di-Tru Diamond Tool Co.
Elgin National Watch Co.
Fish-Schurman Corp.
General Industrial Diamond Co., Inc.

GRINDING WHEELS, DIAMOND—13-054 (cont.)

Gilmore & Co., Inc., F. F. Harmon Machine Co., Inc. International Abrasive Corp. Kazmick Co., Paul L., The Kenna Diamond Wheel Corp. Landau, Herbert H. Loeffel Co., Inc., Arthur, The Metal Carbides Corp. National Diamond Laboratory Nesen Diamond Tool Corp. Neuber Industrial Diamond Co. Norton Co., Abrasive Div. Penn Scientific Products Co. Fermattach Diamond Tool Co. Precise Products Corp. Precision Diamond Tool Co. Raybestos, Manhattan, Inc. Simmonds Abrasive Co. Smit & Co., Inc., Anton Smit & Sons, Inc., J. K. Starlite Industries, Inc. Super-Cut, Inc. United Diamond Tool Co. Victor Engineering Corp. Wickman Mfg. Co.

GRINDING WHEELS, FORM—13-058

American Emery Wheel Works Bay State Abrasive Products Co. Carborundum Co., The de Sanno & Son, Inc., A. P. Fuller Merriam Co., The Glebar Co., Inc. Jerpak-Bayless Co. Macklin Co. Mid-West Abrasive Co. National Grinding Wheel Co., Inc. Norton Co., Abrasive Div. Pacific Grinding Wheel Co., Inc. Peninsular Grinding Wheel Div., Abrasive & Metal Products Co. Raybestos-Manhattan, Inc. Rober'son Mfg. Co. Sheffield Corp., The Simmonds Abrasive Co.

GRINDING WHEELS, RESILIENT RUBBER—13-052

Cratex Mfg. Co., Inc. Brightboy Industrial Div.

GROOVING TOOLS—13-131

Acme Tool Corp. Alco Tool Co., The American Cutter & Engineering Corp. B & W Precision Products Co. Beaver Pipe Tools, Inc. Bokum Tool Co., Inc. Crafts Co., Inc., Arthur A. Criterion Machine Works Crucible Steel Co. of America Davis Boring Tool Div. Diston Div., H. K. Porter Co., Inc. DoAll Co., The Ex-Cell-O Corp. Gairing Tool Co. Gorham Tool Co. Heald Machine Co., The Kennametal, Inc. King-Lindstrom Co. Lund Mfg. Co. Madison-Faessler Tool Co. Madison-Relco Tool Co. Metallurgical Products Dept., General Electric Co. Middletown Machine Co., The Modco Tools Div. of the Valeron Corp. Nelse, Karl A. Niagara Machine & Tool Works Piew Tool Corp. Productive Tool Service, Inc. Schmitt Co., R. L. Scully-Jones & Co. Seibert & Sons, Inc. Vascoloy-Ramet Corp. Walde Kohinoor, Inc. Weddell Tools, Inc. Wendt-Sonis Co. Wicaco Machine Corp. Willey's Carbide Tool Co.

GUARDS—22-160

Benchmaster Mfg. Co. Central Safety Eq. Co. D & M Guard Co. Durant Tool Co.

Eagle Mfg. Co. Furane Plastics, Inc. General Automation Corp. General Metals, Inc. Hoffman Products Co., Inc. Humm Safety Equipment Corp., John Integral Eng. Co. Junkin Safety Appliance Co., Inc. Kirk & Blum Mfg. Co., The Littleford Bros., Inc. Positive Safety Mfg. Co., The Searjeant Metal Products, Inc. Shur-Safety Mfg. Co., Not Inc. United States Rubber Co. Walker-Turner Div. Wiesman Mfg. Co.

GUIDE PINS—22-020

Acme-Danneman Co., Inc. Acme Industrial Co. Bultool Co. Campbell Contour Attachment Co., Inc. Danly Machine Specialties, Inc. DeKalb Precision Industries Detroit Mold Engineering Co. Die Supply Div., E. W. Bliss Co. Dundick Tool Works, Inc. Lamina Dies & Tools, Inc. Producto Machine Co., The Richard Brothers Punch Div. Speedex Precision Products Standard Die Set Co. Standard Horse Nail Corp. Superior Steel Products Corp. Twentieth Century Mfg. Co. Union Mfg. Co. U. S. Tool Co., Inc.

GUIDES, STOCK—22-200

Brown & Sharpe Mfg. Co., Machine Tool Div. Danly Machine Specialties, Inc. Fidelity Machine Tool, Inc. United Machinery Sales Co. Vlier Engineering Corp.

HAMMERS, PORTABLE ELECTRIC—73-100

Milwaukee Electric Tool Corp. Modern Mfg. Co., Inc. Standard Parts Co. Syntroon Co. Wodack Electric Tool Corp.

GUN DRILLS (see Deep Hole & Gun Drills)

HAMMERS, PORTABLE PNEUMATIC—71-070

Air Hydraulics, Inc. Baldt Anchor, Chain & Forge Div. Burkllyn Co. Chicago Pneumatic Tool Co. Cleco Div. Cleveland Pneumatic Industries, Inc. Gardner-Denver Co. Ingersoll-Rand Co. Lemert Engineering Co., Inc. Le Roi Div., Westinghouse Air Brake Co. Master Pneumatic Tool Co., Inc. Modern Mfg. Co., Inc. Nielsen, Inc., E. V. Portage Tool Co., The Proto Tool Co. Rotor Tool Co., The Solar Co. Standard Parts Co. Superior Pneumatic & Mfg., Inc. Thor Power Tool Co.

HAND TOOLS, MECHANIC'S—74-010

Acme Tool Corp. Alina Corp. Armstrong Bros. Tool Co. Billings & Spencer Co., The Bonney Forge & Tool Works Bremli Mfg. Co. Brown & Sharpe Mfg. Co., Industrial Products Div. Capewell Mfg. Co., The Cincinnati Tool Co., The Clark Feather Mfg. Co. Clemson Bros., Inc. Custanite Corp., The Delaware Tool Steel Corp. DoAll Co., The Duro Metal Products Co. Engineering Research Associates General Hardware Mfg. Co., Inc.

Hartwyk Mfg. Co. Heller Tool Co. Henry Valve Co. Hunter Tools Jaw Mfg. Co. Kedman Co. LaPierre-Sawyer Handle Co. Lowell Wrench Co. Manzel, Inc. Master Pneumatic Tool Co., Inc. Millers Falls Co. Miner Tool Co., T. B. Niagara Machine & Tool Works Nielsen, Inc., E. V. Nulpa Mfg. Co., Div. of New Plastic Corp. Portage Tool Co., The Proto Tool Co. R and L Tools Ritmar Corp. Severance Tool Industries, Inc. Snap-on Tools Corp. Stanley Works, The Stanley-Yankee Tools Starrett Co., L. S. The Stevens Walden, Inc. Tiplor Eng. & Mfg. Co. Ullman Devices Corp. Veit & Young, Inc. Victor Saw Works, Inc. Walton Co., The Ward Machinery Co., Inc. Whitney Mfg. Co., W. A. Whitney Metal Tool Co. Williams & Co., J. H. Wilton Tool Mfg. Co., Inc.

HANDLERS, DIE—22-100

Baker Industrial Trucks Bliss Co., E. W. Bowman Products, Inc. Economy Engineering Co. From and Co., R. H. Hamilton Tool Co., The Hanford Mfg. Corp. Lee Engineering Co. Montgomery & Co., Inc. Superior Steel Products Corp.

HARDENING MACHINES, ELECTRICAL RESISTANCE—41-023

Agnew Machine Co.

HARDENING MACHINES, FLAME—41-021

Air Reduction Sales Co. Cincinnati Milling Machine Co. Gleason Works, The Meta-Dynamics Div., Cincinnati Milling & Grinding Machines, Inc. Selsa Corp. of America Youngberg Bros.

HARDENING MACHINES, INDUCTION—41-022

Cincinnati Milling Machine Co. General Electric Co. Gould & Eberhardt, Inc. Induction Heating Corp. Lehigh High Frequency Laboratories, Inc. Magnethermic Corp. Meta-Dynamics Div., Cincinnati Milling & Grinding Machines, Inc. Orban Co., Inc., Kurt Tocco Div., The Ohio Crankshaft Co. Westinghouse Electric Corp.

HARDNESS TESTING MACHINES, BRINELL—61-011

Aaron Machinery Co., Inc. King Tester Corp. Newage Industries, Inc. Opto Metric Tools, Inc. Pacific Transducer Corp. Radio Corp. of America RCA Industrial & Machine Tool Operations Sanders Laboratories Steel City Testing Machines, Inc. Testing Machines, Inc. Tinius Olsen Testing Machine Co.

HARDNESS TESTING MACHINES, MICROHARDNESS—61-012

Airborne Instruments Laboratory Erb & Gray Scientific, Inc. Ercona Corp.

PRODUCTS

HARDNESS TESTING MACHINES, MICROHARDNESS—61-012 (cont.)

Newage Industries, Inc.
Opto Metric Tools, Inc.
Service Diamond Tool Co.
Sheffield Corp., The
Swedish Gage Co.
Testing Machines, Inc.
Torsion Balance Co., The
Wilson Mechanical Instrument Div.

HARDNESS TESTING MACHINES, ROCKWELL—61-013

Aaron Machinery Co., Inc.
Ames Precision Machine Works
Clark Instrument, Inc.
Newage Industries, Inc.
Opto Metric Tools, Inc.
Pacific Transducer Corp.
Radio Corp. of America
RCA Industrial & Machine Tool Operations
Sanders Laboratories
Sema Corp.
Service Diamond Tool Co.
Swedish Gage Co.
Testing Machines, Inc.
Torsion Balance Co., The
Wilson Mechanical Instrument Div.

HARDNESS TESTING MACHINES, SCLEROSCOPE—61-014

Erinac Equipment Corp.
Precise Products Corp.
Shore Instrument & Mfg. Co., Inc.
Testing Machines, Inc.

HEADERS, COLD—21-111

Aaron Machinery Co., Inc.
Bachmann Co., Inc., Eric R.
Behr Machinery & Equipment Corp.
Columbia International Corp.
Girard Associates
National Machinery Co., The
Payne Tool and Engineering Co., The
Rem Sales, Inc.
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.

HEADERS, HOT—21-112

National Machinery Co.

HEADS, BORING—12-081

Acme Tool Corp.
American Cutter & Engineering Corp.
American Heller Corp.
Apex Tool & Cutter Co., Inc., The
Beaver Tool & Engineering Corp.
Bentley Industrial Corp.
Borel & Dunner
Briney Mfg. Co.
Bryant Chucking Grinder Co.
Carbide Tools, Inc.
Chicago Tool & Engineering Co.
Cincinnati Electrical Tool Co., The
Craley Mfg. Co., C. C.
Criterion Machine Works
Cross Co., The
Davis Boring Tool Div.
DeVlieg Microbore Div.
Drillimation Co., Inc.
Evarada Tool Co.
Everede Tool Co.
Falcon Tool Co.
Flynn Mfg. Co.
Gairing Tool Co.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Globe Tools
Goddard & Goddard Co.
Heald Machine Co., The
Index Machine Co.
Kearney & Trecker Corp.
Krueger-Barnes Corp.
Lahmann-Fulton Boring Tool Co.
Lamb Co., F. Jos.
Lovejoy Tool Co., Inc.
Mico Instrument Co.
Modco Tools Div. of the Valeron Corp.
Mummert-Dixon Co.
National Automatic Tool Co., Inc.
Neise, Karl A.
Olivetti Corp. of America
Onaida Machine Tool Corp.
Pratt & Whitney Co., Inc.
Precision Tool & Mfg. Co.

Price & Rulgebeck
Rickert-Shafer Co.
Scully-Jones & Co.
Simplex Machine Tool Corp.
Standard Electrical Tool Co.
Standard-Modern Tool Co., Ltd.
Swift Ohio Corp.
Tree Tool & Die Works
United States Drill Head Co.
Valenite Metals Div.
Vee Bee Mfg. Co.
Veet Industries
Viking Tool Co., Inc., The
Wadell Equipment Co., Inc.
Waukesha Cutting Tools, Inc.
Weddell Tools, Inc.
Whitson Mfg. Co., The

HEADS, BRUSHING—47-020

Cincinnati Electrical Tool Co., The
Gilman, Inc., Russell T.
Merit Products, Inc.
Trio Tool Co.

HEADS, DIVIDING—12-086

AA Gage Co.
A-K Tool Co.
Aaron Machinery Co., Inc.
Acme Tool Corp.
Alina Corp.
Austin Industrial Corp.
Bentley Industrial Corp.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carroll Dividing Head Co., The
Cincinnati Milling Machine Co.
Custom Scientific Instruments, Inc.
Dumore Co., The
Engis Equipment Co.
Ereona Corp.
Fidelity Machine Tool, Inc.
Greaves Machine Tool Div.
Hardinge Brothers, Inc.
Illinois Tool Works
Index Machine Co.
Kempemith Machine Co.
Kenco Mfg. Co.
L-W Chuck Co.
Marac Machinery Corp.
Multiplex Co.
Neise, Karl A.
Nichols-Morris Corp.
Opto Metric Tools, Inc.
Precision Processing Co.
Preis Engraving Machine Co., H. P.
Seewald, Inc.
Standard-Modern Tool Co., Ltd.
Stark Tool Co.
Taft-Peirce Mfg. Co., The
U. S. Burke Machine Tool Div.
Universal Vise & Tool Co.
Van Norman Machine Co.
Venco Corp.
Warren-Knight Co.
Zeiss, Inc., Carl

HEADS, DRILLING—12-083

Agnew Machine Co.
Alkon Products Corp.
Baker Brothers, Inc.
Bedford Gear & Machine Products, Inc.
Brown & Sharpe Mfg. Co., Turret Drilling Div., Inc.
Brush Machine Tool Co.
Buckeye Tools Corp.
Burg Tool Mfg. Co., Inc.
Burklyn Co.
Carroll & Shipley, Inc.
Cincinnati Bickford Div.
Cincinnati Electrical Tool Co., The
Cleveland Pneumatic Industries, Inc.
Conray Electro-Mechanical Corp.
Cross Co., The
Delta Power Tool Div., Rockwell Mfg. Co.
Drillimation Co., Inc.
Dumore Co., The
Ekstrom Carlson & Co.
Electro-Mechano Co., The
Errington Mechanical Laboratory, Inc.
Ettoo Tool & Machine Co., Inc.
Famco Machine Co.
Fox Engineering Co.
Gilman, Inc., Russell T.
Hause Machine, Inc.

Hole Engineering Service
Jarvis Corp.
Johnson Drill Head Co.
Kearney & Trecker Corp.
Krueger-Barnes Corp.
Lamb Co., F. Jos.
Linderme Engineering & Sales
Michigan Drill Head Co.
Model Machine Co., Inc.
National Automatic Tool Co., Inc.
New Britain Tool & Mfg. Co., Inc.
Olivetti Corp. of America, Machine Tool Div.

Payne Tool and Engineering Co., The
Precise Products Corp.
Queens Tool Mfg. Co., Inc.
Seibert & Sons, Inc.
Sheridan Products, Inc.
Simplex Machine Tool Corp.
Standard-Modern Tool Co., Ltd.
Swift Ohio Corp.
Thompson Mfg. Co., Earl A.
Trio Tool Co.
United States Drill Head Co.
Universal Automatic Corp.
Veet Industries
Vilter Co., E. F.
Walker-Turner Div.
Wisconsin Drill Head Co.
Zagar, Inc.

HEADS, FACING—12-082

Agnew Machine Co.
Apex Tool & Cutter Co., Inc., The
Beaver Tool & Engineering Corp.
Bokum Tool Co., Inc.
Borel & Dunner
Cincinnati Electrical Tool Co., The
Cross Co., The
Davis Boring Tool Div.
DeVlieg Microbore Div.
Evarada Tool Co.
Everede Tool Co.
Gairing Tool Co.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Goddard & Goddard Co.
Krueger-Barnes Corp.
Lehmann-Fulton Boring Tool Co.
Lovejoy Tool Co., Inc.
Michigan Drill Head Co.
Modco Tools Div. of the Valeron Corp.
Mummert-Dixon Co.
National Automatic Tool Co., Inc.
Neise, Karl A.
Onaida Machine Tool Corp.
Payne Tool and Engineering Co., The
Standard Electrical Tool Co., The
Standard-Modern Tool Co., Ltd.
Thompson Mfg. Co., Earl A.
Tree Tool & Die Works
Universal-Automatic Corp.
Valenite Metals Div.
Viking Tool Co., Inc., The
Weddell Tools, Inc.

HEADS, MILLING—12-087

Challenge Mach. Co., The
Cross Co., The

HEADS, TAPPING—12-084

AMF Tool Div., American Machine & Foundry Co.
Agnew Machine Co.
B. S. A. Tools, Ltd.
Baker Brothers, Inc.
Bedford Gear & Machine Products, Inc.
Buckeye Tools Corp.
Brush Machine Tool Co.
Burg Tool Mfg. Co., Inc.
Chicago Tool & Engineering Co.
Cincinnati Bickford Div.
Cleveland Pneumatic Industries, Inc.
Conray Electro-Mechanical Corp.
Cross Co., The
Davis Boring Tool Div.
Drillimation Co., Inc.
Dumore Co., The
Errington Mechanical Laboratory, Inc.
Ettoo Tool & Machine Co., Inc.
Fox Engineering Co.
Hause Machine, Inc.
Hole Engineering Service
Jarvis Corp.
Johnson Drill Head Co.
Kaufman Mfg. Co.
Kearney & Trecker Corp.
Krueger-Barnes Corp.
Lamb Co., F. Jos.

HEADS, TAPPING—12-084 (cont.)

Linderme Engineering & Sales
Michigan Drill Head Co.
Montgomery & Co., Inc.
National Automatic Tool Co., Inc.
New Britain Tool & Mfg. Co., Inc.
Procunier Safety Chuck Co.
Scully-Jones & Co.
Standard-Modern Tool Co., Ltd.
Swift Ohio Corp.
Tapmatic Corp.
Thread-All Sales Co.
Trio Tool Co.
United States Drill Head Co.
Universal-Automatic Corp.
Walker-Turner Div.
Wickman Mfg. Co.
Wiconsin Drill Head Co.

HEADS, TREPANNING—12-085

Apex Tool & Cutter Co., Inc., The
Baker Brothers, Inc.
Beaver Tool & Engineering Corp.
Borel & Dunner
Drillmation Co., Inc.
Goddard & Goddard Co.
Kearney & Trecker Corp.
Krueger-Barnes Corp.
Lehmann-Fulton Boring Tool Co.
Lovejoy Tool Co., Inc.
Madison Industries, Inc.
Modco Tools Div. of the Valeron Corp.
Neise, Karl A.
Standard-Modern Tool Co., Ltd.
Vee Bee Mfg. Co.
Waukesha Cutting Tools, Inc.
Weddell Tools, Inc.

HEAT GUNS, ELECTRIC—41-040

Mameo Corp.
Sta-Warm Electric Co.
U. S. Electrical Tool Co.

HEATING ELEMENTS—41-050

Arco Corp.
Electric Hotpack Co., Inc.
Furane Plastics, Inc.
Norton Co., Abrasive Div.

**HOBBIING MACHINES, GEAR
(see Gear Hobbing Machines)**

**HOBBIING MACHINES, SPLINE
(see Spline Hobbing Machines)**

HOBBS, GEAR—13-062

Bachmann Co., Inc., Erie R.
Barber-Colman Co.
Brown Co., R. F.
Carney-Stansfield Co.
Fellows Gear Shaper Co., The
Fidelity Machine Tool, Inc.
Hanson-Whitney Co.
Illinois Tool Works
Michigan Tool Co.
National Tool Co.
National Twist Drill & Tool Co.
Russell, Holbrook & Henderson, Inc.
Standard Tool Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOBBS, GENERAL—13-061

B. S. A. Tools, Ltd.
Barber-Colman Co.
Brown Co., R. F.
Carney-Stansfield Co.
Illinois Tool Works
Michigan Tool Co.
National Tool Co.
National Twist Drill & Tool Co.
Parker-Hartford Corp., The
Payne Tool and Engineering Co., The
Standard Tool Co.
Union Twist Drill Co.
Wetmore Tool & Engineering Co.

HOBBS, SERRATION—13-063

AA Gage Co.
Barber-Colman Co.
Brown Co., R. F.
Carney-Stansfield Co.
Falcon Tool Co.
Illinois Tool Works
Jerpak-Bayless Co.
Michigan Tool Co.

National Tool Co.
National Twist Drill & Tool Co.
Russell, Holbrook & Henderson, Inc.
Standard Tool Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.
Wetmore Tool & Engineering Co.

HOBBS, SPLINE—13-064

Barber-Colman Co.
Brown Co., R. F.
Carney-Stansfield Co.
Illinois Tool Works
Michigan Tool Co.
National Tool Co.
National Twist Drill & Tool Co.
Russell, Holbrook & Henderson, Inc.
Standard Tool Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOBBS, SPROCKET—13-065

Barber-Colman Co.
Carney-Stansfield Co.
Hanson-Whitney Co.
Illinois Tool Works
Michigan Tool Co.
National Tool Co.
National Twist Drill & Tool Co.
Russell, Holbrook & Henderson, Inc.
Standard Tool Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOBBS, THREAD—13-066

Dalzen Mfg. Co.

HOISTS—94-030

Aro Equipment Corp., The
Chisholm-Moore Hoist Div.
Coffing Hoist Div.
Electro Lift, Inc.
Harnischfeger Corp.
Ingersoll-Rand Co.
Manning, Maxwell & Moore, Inc.
Reading Crane & Hoist Corp.
Rotary Lift Co.
Thor Power Tool Co.
Yale & Towne Mfg. Co.

HOLE SAWS—13-142

Armstrong-Blum Mfg. Co.
Anderson Corp.
Capewell Mfg. Co., The
Misenner Mfg. Co., Inc.
Starrett Co., L. S., The
Thompson & Son Co., Henry G., The

**HONING & LAPPING MACHINES,
COMBINATION
(see Combination Honing & Lapping
Machines)**

HONING MACHINES, EXTERNAL—11-092

Aaron Machinery Co., Inc.
B. S. A. Tools, Ltd.
Barnes Drill Co.
Carney-Stansfield Co.
Micromatic Hone Corp.
National Broach & Machine Co.
Staple Engineering Co.
Sunnens Products Co.
Taft-Peirce Mfg. Co., The

HONING MACHINES, INTERNAL—11-091

Aaron Machinery Co., Inc.
Barnes Drill Co.
Barnes Co., W. F. and John
Carney-Stansfield Co.
Clearing Div. of U. S. Industries
Clifton Hydraulic Press Co.
Double A Products Co., Subsidiary of
Brown & Sharpe Mfg. Co.
Dow Mechanical Corp., The
Fulmer Co., C. Allen
Grand Specialties Co.
Jack & Heintz, Inc.
Jer-Cal Co.
Johnson & Bassett, Inc.
Micromatic Hone Corp.
Moline Tool Co.
National Broach & Machine Co.
National Pioneer Sales & Service Corp.
Newton Hydraulic Tooling Co.
Oil-Dyne, Inc.
Staple Engineering Co.

Sunnens Products Co.
Superior Hone Corp.

HONING MACHINES, PLANE—11-095

Carney-Stansfield Co.
Micromatic Hone Corp.

**HONING & LAPPING MACHINES,
COMBINATION—11-096**

Aaron Machinery Co., Inc.
B. S. A. Tools, Ltd.
Barnes Drill Co.
Carney-Stansfield Co.
Engle Equipment Co.
Fulmer Co., C. Allen
Metal Parts Sales Co.
Micromatic Hone Corp.
Michigan Tool Co.
National Broach & Machine Co.
Olofsson Corp., The
Yoder Co., The

HONING TOOLS—13-140

Barnes Drill Co.
Dow Chemical Corp., The
Fulmer Co., C. Allen
Micromatic Hone Corp.
National Broach & Machine Co.
Staple Engineering Co.

HOSE, HYDRAULIC—82-092

Aerogulp Corp.
American Brass Co., The
Blackhawk Mfg. Co.
Couse and Bolten Co.
Fauver Co., Inc., J. N.
Flexonics Corp.
Hewitt-Robins, Inc.
Midland-Ross Corp.
Newage Industries, Inc.
Polymer Corp., The
Raybestos-Manhattan, Inc.
Weatherhead Co.

HOPPER FEEDS—35-022

Bliss Co., E. W.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Burklyn Co.
Cincinnati Milling Machine Co.
Detroit Power Screwdriver Co.
Dixon Automatic Tool
Electro-Autosizing Machine Corp.
Feedall, Inc.
Feedmatic-Detroit, Inc.
Grieder Industries, Inc.
Hewitt-Robins, Inc.
Inter-Lakes Engineering Co.
KDI Corp.
Kenhos Corp. Div., George H. Kendall,
Mech. Engrs. & Cons.
Payne Tool and Engineering Co., The
Peeco Div.
Precision Detroit Co., Inc.
Production Feeder Corp.
Radio Corp. of America
Rehnberg-Jacobson Mfg. Co.
Syntron Co.
Thor Power Tool Co.
Townsend Mfg. Co., H. P., The
Tubular Rivet & Stud Co.
U. S. Engineering Co.
Universal Instruments Corp.
VFC Div., Automation Devices, Inc.
Verson Allsteel Press Co.
Youngberg Bros.

**HOSE & TUBING, FLEXIBLE
METAL—82-099**

American Brass Co., The
Couse & Bolten Co.
Flexonics Corp.
Korfund Co., Inc., The
Universal Metal Hose Co.

**HYDRAULIC ACTUATORS, ROTARY
(see Actuators, Hydraulic Rotary)**

**HYDRAULIC AIR COMBINATION
DEVICES
(see Combination Air Hydraulic Devices)**

**HYDRAULIC CYLINDERS
(see Cylinders, Hydraulic)**

PRODUCTS

HYDRAULIC DEVICES, SPECIAL—82-110

A & C Engineering Co.
Acme Industrial Co.
Adel Precision Products, Div. of General Metals Corp.
Agnew Machine Co.
Aikon Products Corp.
Arrowsmith Tool & Die Corp.
Barnes Corp., John S.
Barth Corp., The
Blackhawk Mfg. Co.
Brown & Sharpe Mfg. Co., Hydraulics Div.
Carter Controls, Inc.
Century Hydraulics
Cimo Engineering Co.
Cleveland Industrial Tool Corp.
Conray Electro-Mechanical Corp.
Die-Draulic Grip, Inc.
Dukes Co., Inc.
Fauver Co., Inc., J. N.
Ferry Machine Co.
Gilman, Inc., Russell T.
Girard Associates
Greer Hydraulics, Inc.
Hanna Engineering Works
Hill, Inc., Walter P.
Hunt Valve Co.
Hydraulic Electronic Pneumatic Mfg. Co.
Joyce-Gridland Co.
Lamb Co., F. Jos.
Lincoln Industries Co.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Manzel, Inc.
Mechanisms Co.
Nankerys Co., George C.
Newton Hydraulic Tooling Co.
Oil-Dyne, Inc.
Payne Tool and Engineering Co., The
Petch Mfg. Co.
Porter, Inc., H. K.
Production Devices, Inc.
Rayflex Co., Inc.
Royal Industries, Inc.
S-F Mfg. Corp., The
Scully-Jones & Co.
Sheffer Corp., The
Standard-Modern Tool Co., Ltd.
Studebaker Hydraulic Products Co.
Taylor Devices, Inc.
Thompson Mfg. Co., Earl A.
Thor Power Tool Co.
Unit Mfg. Co.
Vickers, Inc.

HYDRAULIC FLUIDS—04-100

Anderson Oil & Chemical Co., Inc.
Atlantic Refining Co., The
Bellows Co., The
Bel-Ray Co., Inc.
Blackhawk Mfg. Co.
Cook's Sons, Inc., Adam
Esso Standard Oil Co.
Gulf Oil Corp.
Houghton & Co., E. F.
Metal Lubricants Co.
Miller Corp., Harry
National Refining Co., Div. Ashland Oil & Refining Co.
Newton Hydraulic Tooling Co.
Oil-Dyne, Inc.
Oil-Dyne, Inc.
Sanson & Sons, Inc., Henry E.
Shell Oil Co.
Sinclair Refining Co.
Socony Mobil Oil Co.
Standard Oil Co. of California, Western Operations, Inc.
Stuart Oil Co., Ltd., D. A.
Texas Co., The
White & Bagley Co., The

HYDRAULIC MOTORS (see Motors, Hydraulic)

HYDRAULIC PUMPS—82-080

Aaron Machinery Co., Inc.
Adel Precision Products, Div. of General Metals Corp.
Allis-Chalmers Mfg. Co.
Baldwin-Lima-Hamilton Corp., Eddystone Div.
Barnes Corp., John S.
Berthelsen Engrg. Works, Inc.
Bjur Lubricating Corp.
Blackhawk Mfg. Co.

Brown & Sharpe Mfg. Co., Hydraulics Div.
Chicago Pneumatic Tool Co.
Commercial Shearing & Stamping Co.
Denison Engineering Div., American Brake Shoe Co.
Double A Products Co., Subsidiary of Brown & Sharpe Mfg. Co.
Drillimation Co., Inc.
East Shore Machine Products Co., The
Eaton Mfg. Co.
Elmes Engineering Div., American Steel Foundries
Espan-Lucas Machine Works
Fulflo Specialties Co., Inc., The
Gelber & Sons, Inc., S.
Girard Associates
Greenlee Bros. & Co.
Hydraulic Press Mfg. Co., The
Ingersoll-Rand Co.
Ledeem, Inc., Ledeem Mfg. Div.
Loewy - Hydropress Div.
M & N Modern Hydraulic Press Co., Inc.
Manzel, Inc.
Mechanisms Co.
Newton Hydraulic Tooling Co.
Nichols Co., W. H.
Oil-Dyne, Inc.
Oil-Dyne, Inc.
Oilgear Co., The
Palley Supply Co.
Pioneer Pump Div.
Porter, Inc., H. K.
Racine Hydraulics & Machinery, Inc.
Rayflex Co., Inc.
Rodgers Hydraulic, Inc.
Rosen Co., The
Ruthman Machinery Co., The
Sheffer Corp., The
Sier-Bath Gear & Pump Co.
Thompson Mfg. Co., Earl A.
Tuhill Pump Co.
Vickers, Inc.
Viking Pump Co.
Walker-Turner Div.
Watson-Stillman Press Div., Farrell-Birmingham Co., Inc.
Weldon Tool Co., The
Wilton Tool Mfg. Co., Inc.
Worthington Corp.

IMPACT WRENCHES, PORTABLE ELECTRIC—73-080

Albertson & Co., Inc.
Black & Decker Mfg. Co., The
Chicago Pneumatic Tool Co.
du Pont de Nemours & Co., Inc., E. I.
Ingersoll-Rand Co.
Millers Falls Co.
Modern Mfg. Co., Inc.
Snap-on Tools Corp.
Remington Arms Co., Inc.
Skill Corp.
Thor Power Tool Co.

IMPACT WRENCHES, PORTABLE PNEUMATIC—71-100

Albertson & Co., Inc.
Armstrong Bros. Tool Co.
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Div.
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Pneumatic Tool Co., Inc.
Remington Arms Co., Inc.
Rotor Tool Co., The
Thor Power Tool Co.

IMPACT TESTING MACHINES—61-023

Black & Decker Mfg. Co., The
Hirschmann Co., Inc., Carl
Hughes Products, Hughes Aircraft Co.
Testing Machines, Inc.
Tinius Olsen Testing Machine Co.

INDEXERS, CHUCK—12-092

Acme Industrial Co.
Garrison Machine Works, Inc.
Hardinge Brothers, Inc.
Hartford Special Machinery Co.
Kahle Engineering Co.
Marac Machinery Corp.
Smith & Son, Inc., James
Troyer Mfg. Co.
Union Mfg. Co.

Vitler Co., E. F.
Zagar, Inc.

INDEXERS, LINEAR—12-093

American Tool Works Co., The
Ballard Co., The
Bellows Co., The
Brown & Sharpe Mfg. Co., Turret Drilling Div., Inc.
Cimo Engineering Co.
Cincinnati Blackford Div.
Cleereman Machine Tool Corp.
Conray Electro-Mechanical Corp.
Drillimation Co., Inc.
Engis Equipment Co.
Expert Welding Machine Co.
Gilman, Inc., Russell T.
Kahle Engineering Co.
Precision Detroit Co., Inc.
Standard-Modern Tool Co., Ltd.
Standard Tool & Mfg. Co.
Swanson-Erie Corp.
Wadell Equipment Co., Inc.
Warner & Swasey Co., The

INDEXERS, ROTARY TABLE—12-091

AA Gage Co.
Advance Products Div.
Agnew Machine Co.
Air Hydraulics, Inc.
Allmair Corp.
American Pipe Bending Machine Co., Inc.
American Slip Corp.
Atlantic Machine Tool Works, Inc.
Austin Industrial Corp.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co.
Bellows Co., The
Benchmaster Mfg. Co.
Bentley Industrial Corp.
Black & Webster, Inc.
Black Rock Mfg. Co., The
Borel & Dunner
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cincinnati Gilbert Machine Tool Co.
Cincinnati Milling Machine Co.
Cimo Engineering Co.
Cleveland Pneumatic Industries, Inc.
Cleveland Tapping Machine Co.
Cleveland Universal Jig Co., The
Colonial Broach & Machine Co.
Cross Co., The
Custom Scientific Instruments, Inc.
Devlieg Machine Co.
Drillimation Co., Inc.
Drillunit, Inc.
Engis Equipment Co.
Erickson Tool Co.
Ettoo Tool & Machine Co., Inc.
Expert Welding Machine Co.
Federal Machine & Welder Co., The
Ferguson Machine Corp. of Indiana
Fitchburg Engineering Corp.
Forney's, Inc.
Giddings & Lewis Machine Tool Co.
Gray Equipment Co.
Hartford Special Machinery Co.
Hole Engineering Service
Index Machine Co.
Inter-Lakes Engineering Co.
Kahle Engineering Co.
Karniotis Precision Prod., Inc.
Kaufman Mfg. Co.
Kellner Tool & Machine Co.
Kenco Mfg. Co.
Knight Machinery Co., W. B.
Koch Universal Test Indicator
Krueger-Barnes Corp.
Lamb Co., F. Jos.
Lapointe Machine Tool Co., The
Liberty Tool & Die Corp.
Machine Products Corp.
Marac Machinery Corp.
Mead Specialties Co., Inc.
Michigan Drill Head Co.
Michigan Tool Co.
Mico Instrument Co.
Morrison Eng. Co.
Morton Mfg. Co.
Multiplex Co.
Neise, Karl A.
Onsrud Machine Works, Inc.
Opto Metric Tools, Inc.
Q. C. Engineering Products, Div.
Pearson, Inc.
Portage Machine Co.
Prait & Whitney Co., Inc.
Precision Detroit Co., Inc.

INDEXERS, ROTARY TABLE—12-051

Rehnberg-Jacobson Mfg. Co.
Scharmann Machine Corp.
Smith & Son, Inc., James
South Bend Lathe Works
Speedex Precision Products
Standard-Modern Tool Co., Ltd.
Standard Tool & Mfg. Co.
Stevens Co., John B., The
Swanson-Erie Corp.
Sundstrand-American Broach
Thompson Mfg. Co., Earl A.
Troyke Mfg. Co.
Turner Bros., Inc.
Union Mfg. Co.
Universal Vise & Tool Co.
Wadell Equipment Co., Inc.
Warner & Swasey Co., The

INDICATORS, DIAL GAGE
(see Gage Dial Indicators)

INDUCTION FURNACES
(see Furnaces, Induction)

INDUCTION HARDENING MACHINES
(see Hardening Machines, Induction)

INSERT TOOLS (see Tools)

INSERTS, CARBIDE, 1½ INCH—13-121

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Besly-Welies Corp.
Brunner & Lay, Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DoAll Co., The
Ex-Cell-O Corp.
Firth Sterling, Inc.
Futurmill, Inc.
Kennametal, Inc.
Madison-Reico Tool Co.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Modco Tools Div. of the Valeron Corp.
Newcomer Products, Inc.
Niagara Cutter Div.
R. B. Tool Co., Inc.
Sandvik Steel, Inc.
Tungsten Alloy Mfg. Co., Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Weddell Tools, Inc.
Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

**INSERTS, CARBIDE,
THROW-AWAY—13-122**

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Carbide Co.
American Cutter & Engineering Corp.
Armstrong Bros. Tool Co.
Besly-Welies Corp.
Brunner & Lay, Inc.
Crafts Co., Inc., Arthur A.
Davis Boring Tool Div.
Dayton Carbide Tool Co., Inc.
DeVlieg Microbore Div.
DoAll Co., The
Firth Sterling, Inc.
Futurmill, Inc.
Gairing Tool Co.
Kennametal, Inc.
Madison-Reico Tool Co.
McCrosky Tool Corp.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Modco Tools Div. of the Valeron Corp.
Multi Metals, Inc.
Newcomer Products, Inc.
Niagara Cutter Div.
Pratt & Whitney Co., Inc.
Sandvik Steel, Inc.
Tungsten Alloy Mfg. Co., Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The

Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

INSERTS, CERAMIC—13-124

American Cutter & Engineering Corp.
Carborundum Co., The
Crafts Co., Inc., Arthur A.
Diamonite Products Mfg. Co.
Gulton Industries, Inc.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Norton Co., Abrasive Div.
Stupalox Project
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wendt-Sonis Co.

INSERTS, SCREW THREAD—91-060

Elastic Stop Nut Corp. of America, The
Groov-Pin Corp.
Heli-Coil Corp.
Hi-Shear Rivet Tool Co.
Miller Fluid Power Div.
Northwestern Tools, Inc.
Nyllok Corp., The
Penn Engineering & Mfg. Corp.
Rosan, Inc.
Southco Div.
Standard Parts Co.
Tietzmann Tool Corp.
Tomco, Inc.

**INSPECTION EQUIPMENT, SURFACE
PLATE—63-103**

Herman Stone Co.
Rahn Granite Surface Plate Co.

INSULATORS, VIBRATION
(see Vibration Insulators)

JACKS, LEVELING—83-091

Enterprise Machine-Parts Corp.

JAWS, CHUCK (see Chuck Jaws)

JIG BORING MACHINES
(see Boring Machines, Jig)

JIGS, DRILL STANDARD
(see Drill Jigs, Standard)

JIGS & FIXTURES, COMPONENTS—83-044

AA Gage Co.
Acme-Danneman Co., Inc.
Acme Industrial Co.
Arrowsmith Tool & Die Corp.
Barth Corp., The
Blackhawk Mfg. Co.
Burklyn Co.
Carbide Tools, Inc.
Carr Lane Mfg. Co.
Century Detroit
Challenge Machinery Co., The
Chemical Development Corp.
City Tool Corp.
Clair Mfg. Co., Inc.
Cleveland Universal Jig Co., The
Conforming Matrix Corp.
Connecticut Tool & Engineering Co.
Dayton Carbide Tool Co., Inc.
DeKalb Precision Industries
Detroit Stamping Co.
Distel Tool & Machine Co.
Enterprise Machine-Parts Corp.
Errington Mechanical Laboratory, Inc.
Fidelity Machine Tool Inc.
Furne Plastics, Inc.
Garrison Machine Works, Inc.
General Mfg. Co.
General Metals, Inc.
Gilman, Inc., Russell T.
Hanover Tool Co., Inc.
Harco Engineering
Heinrich Tools, Inc.
Industrial City Boring Co.
Jahn Mfg. Co., B., The
Jaquith Carbide Div., Pratt &
Whitney Co., Inc.
Jergens Tool Specialty Co.
Johnson & Bassett, Inc.
Krueger-Barnes Corp.
Lapeer Mfg. Co.
Lodding, Inc.
Machine and Tool Accessories Co.

Machine Products Corp.
Madison Tool & Supply Co.
Mercury Tool & Die Co., Inc.
Miner Tool Co., T. B.
Monroe Engineering Products, Inc.
Montgomery & Co., Inc.
Morton Machine Works
National Automatic Tool Co., Inc.
Northwestern Tools, Inc.
Pic Design Corp.
Pioneer Aluminum, Inc.
Port Huron Machine Products Co.
Price Corp., D. W.
Q. C. Engineering Products, Div.
Pearson, Inc.
Reid Tool Supply Co.
Saxton Mfg. Co.
Size Control Co.
Standard Parts Co.
Standard Parts Co.
Swedish Gage Co.
Taylor-Winfield Corp.
Tietzmann Tool Corp.
Tomco, Inc.
Trio Tool Co.
Universal Engineering Co.
Vlier Engineering Corp.
Wahlund Mechanical Laboratory, M. Paul
West Point Mfg. Co.
Wharton and Wilcocks of America, Inc.
Wiedemann Machine Co.
Wilson Automation Co.
Wilton Tool Mfg. Co., Inc.
Wisconsin Drill Head Co.
Woodworth Co., N. A.
Zagar, Inc.

JIGS & FIXTURES, ASSEMBLY—83-042

AA Gage Co.
Accord Tool & Machine, Inc.
Acme Broach Corp.
American Standard Co.
Arrowsmith Tool & Die Corp.
Atlantic Machine Tool Works, Inc.
Atlas Tool & Die Wks.
Barth Corp., The
Carbide Tools, Inc.
Carr Lane Mfg. Co.
Century Detroit
Chemical Development Corp.
City Tool Corp.
Cleveland Universal Jig Co., The
Columbus Die, Tool & Machine Co., The
Conforming Matrix Corp.
Connecticut Tool & Engineering Co.
Conray Electro-Mechanical Corp.
DeKalb Precision Industries
Distel Tool & Machine Co.
Dundick Tool Works, Inc.
Eastern Precision Tool & Gage Co.
Erinac Equipment Corp.
Federal Tool Corp.
Ferry Machine Co.
Furne Plastics, Inc.
Gardner-Denver Co.
Garrison Machine Works, Inc.
Garvin Brothers, Inc.
General Mfg. Co.
General Metals, Inc.
Hanlo Gage Co.
Hoefler Mfg. Co.
Holmberg & Co., Inc., August W.
Industrial Gages, Inc.
Jaquith Carbide Div., Pratt &
Whitney Co., Inc.
Jahn Mfg. Co., B., The
Johnson & Bassett, Inc.
Kellner Tool & Machine Co.
Krueger-Barnes Corp.
Laystrom Mfg. Co.
Liberty Tool & Die Corp.
Machine Products Corp.
Masterform Tool Co.
Mercury Tool & Die Co., Inc.
Merz Engineering, Inc.
Meyers Co., W. F.
Michigan Drill Head Co.
Midwest Tool & Engineering Co., The
Modern Industrial Engineering Co.
Morton Mfg. Co.
New Britain Tool & Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Pioneer Engineering & Mfg. Co.
Port Huron Machine Products Co.
Q. C. Engineering Products, Div.
Pearson, Inc.
Queens Tool Mfg. Co., Inc.
Ren Plastics, Inc.
Rickert-Shafer Co.
Ring Punch & Die, Inc.

PRODUCTS

JIGS & FIXTURES, ASSEMBLY (cont.)

Rite-O Tool & Gage Co.
Shaker Tool & Die Co.
Sheffield Corp., The
Size Control Co.
Staats & Staats, Inc.
Standard-Modern Tool Co., Ltd.
Standard Parts Co.
Stein & Co., Inc., Wm. P.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Swift Ohio Corp.
Taft-Peirce Mfg. Co., The
Taylor-Winfield Corp.
Tietzmann Tool Corp.
Tools, Inc.
Trio Tool Co.
Universal Instruments Corp.
Vamco Machine & Tool, Inc.
Wahlund Mechanical Laboratory, M. Paul
Walker-Turner Div.
Wharton and Wilcocks of America, Inc.
Wiedemann Machine Co.
Wilson Automation Co.
Wilton Tool Mfg. Co., Inc.
Wisconsin Drill Head Co.

JIGS & FIXTURES, INSPECTION—83-043

AA Gage Co.
Acme Broach Corp.
Arrowsmith Tool & Die Corp.
Atlantic Machine Tool Works, Inc.
Atlas Tool & Die Wks.
Barth Corp., The
Carbide Tools, Inc.
Century Detroit
City Tool Corp.
Columbus Die, Tool & Machine Co., The
Connecticut Tool & Engineering Co.
Conray Electro-Mechanical Corp.
Dearborn Gage Co.
DeKalb Precision Industries
Distel Tool & Machine Co.
Eastern Precision Tool & Gage Co.
Engis Equipment Co.
Erinac Equipment Corp.
Furne Plastics, Inc.
Garrison Machine Works, Inc.
Garvin Brothers, Inc.
General Mfg. Co.
Holmberg & Co., Inc., August W.
Industrial Gages, Inc.
Industrial Lofting & Mfg. Co., Inc.
Jahn Mfg. Co., B. The
Johnson & Bassett, Inc.
Kellner Tool & Machine Co.
Laystrom Mfg. Co.
Machine Products Corp.
Merz Engineering, Inc.
Meyers Co., W. F.
Michigan Drill Head Co.
Midwest Tool & Engineering Co., The
Modern Industrial Engineering Co.
New Britain Tool & Mfg. Co., Inc.
Oberg Mfg. Co., Inc.
Optical Gaging Products, Inc.
Opto Metric Tools, Inc.
Payne Tool and Engineering Co., The
Pioneer Engineering & Mfg. Co.
Port Huron Machine Products Co.
Queens Tool Mfg. Co., Inc.
Ren Plastics, Inc.
Rite-O Tool & Gage Co.
Shaker Tool & Die Co.
Sheffield Corp., The
Size Control Co.
Standard-Modern Tool Co., Ltd.
Standard Parts Co.
Stein & Co., Inc., Wm. P.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Tietzmann Tool Corp.
Tools, Inc.
Trio Tool Co.
Universal Instruments Corp.
Wahlund Mechanical Laboratory, M. Paul
Walker-Turner Div.
Warren Plastic & Engineering, Inc.
Wharton and Wilcocks of America, Inc.
Wiedemann Machine Co.
Wilson Automation Co.
Wisconsin Drill Head Co.
Woodworth Co., N. A.

JIGS & FIXTURES, MACHINING—83-041

AA Gage Co.
Accord Tool & Machine, Inc.
Acme Broach Corp.

Arrowsmith Tool & Die Corp.
Atlantic Machine Tool Works, Inc.
Atlas Tool & Die Wks.
Barth Corp., The
Canton Tool Mfg. Co., The
Carbide Tools, Inc.
Carr Lane Mfg. Co.
Century Detroit
City Tool Corp.
Cleveland Universal Jig Co., The
Columbus Die, Tool & Machine Co., The
Conforming Matrix Corp.
Connecticut Tool & Engineering Co.
Conray Electro-Mechanical Corp.
Davis Boring Tool Div.
DeKalb Precision Industries
Dery & Sons Tool & Die Co., A. L.
Die Supply Div., E. W. Bliss Co.
Distel Tool & Machine Co.
Dundick Tool Works, Inc.
Eastern Machine & Tool Co.
Eastern Precision Tool & Gage Co.
Enterprise Machine-Parts Corp.
Erinac Equipment Corp.
Extrusions, Inc.
Federal Machine Co., Inc.
Ferry Machine Co.
Forney's, Inc.
Furne Plastics, Inc.
Garrison Machine Works, Inc.
Garvin Brothers, Inc.
General Mfg. Co.
Hanlo Gage Co.
Hanover Tool Co., Inc.
Harig Mfg. Corp.
Hilmo Machine Co., Inc.
Hofer Mfg. Co.
Holmberg & Co., Inc., August W.
Industrial City Boring Co.
Industrial Gages, Inc.
Jahn Mfg. Co., B. The
Jaquith Carbide Div.
Johnson & Bassett, Inc.
Kellner Tool & Machine Co.
Knight Machinery Co., W. B.
Krueger-Barnes Corp.
Lamb Co., F. Jos.
Laystrom Mfg. Co.
Liberty Tool & Die Corp.
Machine Products Corp.
Madison Tool & Supply Co.
Masterform Tool Co.
Mercury Tool & Die Co., Inc.
Meyers Co., W. F.
Merz Engineering, Inc.
Michigan Drill Head Co.
Midwest Tool & Engineering Co., The
Modern Industrial Engineering Co.
Montgomery & Co., Inc.
Morton Mfg. Co.
Mutual Machine Co., Inc.
National Broach & Machine Co.
New Britain Tool & Mfg. Co., Inc.
Novi Tool & Machine Co.
Payne Tool and Engineering Co., The
Pioneer Engineering & Mfg. Co.
Port Huron Machine Products Co.
Queens Tool Mfg. Co., Inc.
Ren Plastics, Inc.
Research Machine & Tool Co., Inc.
Hickert-Shafer Co.
Ring Punch & Die, Inc.
Rite-O Tool & Gage Co.
Rocheleau Tool & Die Co., Inc.
Rockford Engineered Products Co.
Sal Metal Products Co.
Shaker Tool & Die Co.
Sheffield Corp., The
Size Control Co.
Smith, F. E.
Snow Mfg. Co.
Spellman Mfg. Co., H. L.
Standard-Modern Tool Co., Ltd.
Standard Parts Co.
Standard Parts Co.
Stein & Co., Inc., Wm. P.
Sturdy Tool & Gage Co.
Suprecision Products
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Tietzmann Tool Corp.
Tools, Inc.
Trio Tool Co.
Universal Instruments Corp.
Vamco Machine & Tool, Inc.
Wahlund Mechanical Laboratory, M. Paul
Walker-Turner Div.
West Tool & Die Corp., R. C.
Wharton and Wilcocks of America, Inc.
Wiedemann Machine Co.

Wilson Automation Co.
Wilton Tool Mfg. Co., Inc.
Wisconsin Drill Head Co.
Wolverine Tool Co.
Woodworth Co., N. A.

KEYS—91-034

Allen Mfg. Co.
Baj Tool Co., The
Beaver Tool & Engineering Corp.
Cleveland Cap Screw Co., The
De Van - Johnson Co.
Harco Engineering
Jacobs Mfg. Co., The
Jergens Tool Specialty Co.
Machine and Tool Accessories Co.
Monroe Engineering Products, Inc.
Morton Machine Works
Northwestern Tools, Inc.
Reid Tool Supply Co.
Standard Horse Nail Corp.
Standard Parts Co.
Standard Screw Co.
Standard Steel Specialty Co.
Tietzmann Tool Corp.
Tomeo, Inc.

KEYSEATERS—11-206

Davis Keyseater Co.
Mitts & Merrill
Morrison Co., D. C.
Reading Machine Co., The

KNURLING ROLLS (see Rolls, Knurling)

KNURLING TOOLS—13-132

Aloris Tool Co., Inc.
American Cutter & Engineering Corp.
Armstrong Bros. Tool Co.
Bachmann Co., Inc., Eric R.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Dettlerbeck Co., George L.
Holmberg & Co., Inc., August W.
Hunter Tools
M. P. A. Co.
Masterform Tool Co.
Matthews & Co., Jas. H.
Morley Machinery Corp.
Noble & Westbrook Mfg. Co., The
Pratt & Whitney Co., Inc.
R and L Tools
Reed Rolled Thread Die Co.
Rockwin Mfg. Co.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Williams & Co., J. H.

LAPPING & HONING MACHINES, COMBINATION (see Combination Honing & Lapping Machines)

LAPPING MACHINES, CYLINDRICAL—11-093

Aaron Machinery Co., Inc.
Barnes Drill Co.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
DeKalb Precision Industries
DoAll Co., The
Federal Tool Corp.
Foots-Burt Co., The
Fulmer Co., C. Allen
Industrial Metal Products Corp.
Norton Co., Abrasive Div.
Rite-O Tool & Gage Co.
Scherr Co., Inc., George
Size Control Co.
Splitfire Tool & Machine Co.
Tubular Micrometer Co.

LAPPING MACHINES, PLANE—11-094

Buss Machine Works, Inc.
Carney-Stansfield Co.
Crane Packing Co.
DoAll Co., The
Elster Engineering Co., Inc.
Empire Corp.
Ex-Cell-O Corp.
Marine Pumps, Inc.
Micromatic Hone Corp.
Norton Co., Abrasive Div.

**LAPPING MACHINES,
CYLINDRICAL—11-093 (cont.)**

Scherr Co., Inc., George
Spitfire Tool & Machine Co.
Taft-Peiree Mfg. Co., The

LAPPING MACHINES, VIBRATORY—11-097

Lord Chemical Corp.
Syntron Co.

LAPPING PLATES—83-100

Acme Tool Corp.
Challenge Machinery Co., The
Products Engineering & Mfg. Co.
Tatra Tool Co.

**LATHE ATTACHMENTS, CARRIAGE
POSITIONING—12-109**

Lloyd Tool Corp.
Research Machine & Tool Co., Inc.
Sandex Automation, Inc.

LATHES, AUTOMATIC CHUCKING—11-105

Aaron Machinery Co., Inc.
Alina Corp.
B. S. A. Tools, Ltd.
Baird Machine Co., The
Barer Engineering & Machinery Co., Ltd.
Behr Machinery & Equipment Corp.
Carney-Stansfield Co.
Cleveland Automatic Machine Co., The
Cleveland Hobbing & Machine Co.
Cone Automatic Machine Co., Inc.
Coulter Machine Co., James, The
Cross Co., The
De Silvey Corp., The
Fidelity Machine Tool Inc.
Girard Associates
Gisholt Machine Co.
Guthery Machine Tool Corp.
Hirschmann Co., Inc., Carl
Jones & Lamson Machine Co.
Loeffel Co., Inc., Arthur, The
Logan Engineering Co.
Mercuria Co.
National Acme Co., The
New Britain Machine Co., The, New
Britain-Gridley Div.
Potter & Johnston Co.
Russell, Holbrook & Henderson, Inc.
Seneca Falls Machine Co.
Sigma Machinery, Inc.
Sundstrand Machine Tool Co.
Thompson Mfg. Co., Earl A.
Wickes Machine Tool Div., The Wickes
Corp.

LATHES, BENCH—11-101

Aaron Machinery Co., Inc.
Alina Corp.
Ames Precision Machine Works
Amitool Co., Inc.
Carney-Stansfield Co.
Challenge Machinery Co., The
Clausing Div., Atlas Press Co.
Delta Power Tool Div., Rockwell
Mfg. Co.
Derbyshire, Inc., F. W.
Erinac Equipment Corp.
Foredom Electric Co., Inc.
Hardinge Brothers, Inc.
Hirschmann Co., Inc., Carl
Hjorth Lathe & Tool Co.
Innocent Corp.
Jones & Lamson Machine Co.
LeBlond Machine Tool Co., R. K., The
Logan Engineering Co.
Levin & Son, Inc., Louis
Loeffel Co., Inc., Arthur, The
Penniman Co., Elisha
Rivett Lathe & Grinder, Inc.
Russell, Holbrook & Henderson, Inc.
S & S Machinery Co.
Sheldon Machine Co., Inc.
Sloan & Chace Mfg. Co., Inc.
South Bend Lathe Works
Stark Tool Co.
Technix Co.
Wickman Mfg. Co.

LATHES, ENGINE HEAVY DUTY—11-103

Aaron Machinery Co., Inc.
American Tool Works Co., The
Amitool Co., Inc.
Bachmann Co., Inc., Eric R.
Barber-Colman Co.

Barer Engineering & Machinery Co.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Bliss Co., E. W.
Boye & Emmes Machine Tool Co., The
Carney-Stansfield Co.
Carroll-Jamieson Machine Tool Co., The
Clausing Div., Atlas Press Co.
Clearing Div. of U. S. Industries
Columbia International Corp.
Consolidated Machine Tool Div.
Cosa Corp.
Delta Power Tool Div., Rockwell
Mfg. Co.
Fidelity Machine Tool Inc.
Girard Associates
Graham Machine Tool Co.
Hermes Machine Tool Co., Inc.
Hirschmann Co., Inc., Carl
Homstrand, Inc.
LeBlond Machine Tool Co., R. K., The
Lehmann-Brandes Machine Co.
Lodge & Shipley Co., The
Index Industrial Corp.
M. B. I. Export & Import, Ltd.
Masters Precision Tools Co.
Mercuria Co.
Mesta Machine Co.
Monarch Machine Tool Co., The
Nebel Machine Tool Corp.
Orban Co., Inc., Kurt
Pratt & Whitney Co., Inc.
Rockford Machine Tool Co.
S & S Machinery Co.
Seewald, Inc.
Sheldon Machine Co., Inc.
Sheppard, Stanley
Sidney Machine Tool Co., The
Sigma Machinery, Inc.
Simmonds Machine Tool Co.
Springfield Machine Tool Co., The
Standard-Modern Tool Co., Ltd.
Stokvis Edera & Co., Inc.
Technix Co.
U. S. I. Clearing, Div. of U. S.
Industries, Inc.
Weisser Machinery
Western Machine Tool Works
Wickes Machine Tool Div., The Wickes
Corp.

LATHES, FLOOR, LIGHT DUTY—11-102

Aaron Machinery Co., Inc.
American Tool Works Co., The
Amitool Co., Inc.
Bachmann Co., Inc., Eric R.
Barber-Colman Co.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Blount Co., J. G.
Carney-Stansfield Co.
Cincinnati Lathe and Tool Co.
Clausing Div., Atlas Press Co.
Clearing Div. of U. S. Industries
Columbia International Corp.
Cosa Corp.
Delta Power Tool Div., Rockwell
Mfg. Co.
Erinac Equipment Corp.
Fidelity Machine Tool Inc.
Graham Machine Tool Co.
Hardinge Brothers, Inc.
Hermes Machine Tool Co., Inc.
Hirschmann Co., Inc., Carl
Homstrand, Inc.
Jones & Lamson Machine Co.
LeBlond Machine Tool Co., R. K., The
Lehmann-Brandes Machine Co.
Lodge & Shipley Co., The
Loeffel Co., Inc., Arthur, The
Logan Engineering Co.
Monarch Machine Tool Co., The
Nebel Machine Tool Corp.
Oliver Machinery Co.
Pratt & Whitney Co., Inc.
Rivett Lathe & Grinder, Inc.
S & S Machinery Co.
Seewald, Inc.
Sheldon Machine Co., Inc.
South Bend Lathe Works
Standard Electrical Tool Co., The
Sheppard, Stanley
Sigma Machinery, Inc.
Springfield Machine Tool Co., The
Standard-Modern Tool Co., Ltd.
Technix Co.
U. S. I.-Clearing, Div. of U. S.
Industries, Inc.
Weisser Machinery

**LATHES, MULTIPLE SPINDLE
AUTOMATIC—11-107**

Aaron Machinery Co., Inc.
B. S. A. Tools, Ltd.
Carney-Stansfield Co.
Cone Automatic Machine Co., Inc.
Erinac Equipment Corp.
Fidelity Machine Tool Inc.
Greenlee Bros. & Co.
Hirschmann Co., Inc., Carl
National Acme Co., The
New Britain Machine Co., The
S & S Machinery Co.
Thompson Mfg. Co., Earl A.
Warner & Swasey Co.

**LATHES, SINGLE SPINDLE
AUTOMATIC—11-106**

Aaron Machinery Co., Inc.
Alina Corp.
B. S. A. Tools, Ltd.
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Barer Engineering & Machinery Co., Ltd.
British Machines & Foundry Supplies,
Ltd.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Carney-Stansfield Co.
Cleveland Automatic Machine Co., The
Cleveland Hobbing & Machine Co.
Cone Automatic Machine Co., Inc.
De Silvey Corp., The
Detroit Cam & Tool Co.
Fidelity Machine Tool Inc.
Gisholt Machine Co.
Guthery Machine Tool Corp.
Hirschmann Co., Inc., Carl
Hudson Automatic Machine & Tool Co.
Jones & Lamson Machine Co.
Loeffel Co., Inc., Arthur, The
Mercuria Co.
National Acme Co.
New Britain Machine Co., The, New
Britain-Gridley Div.
Russell, Holbrook & Henderson, Inc.
S & S Machinery Co.
Sigma Machinery, Inc.
Technix Co.
Warner & Swasey Co.
Wickman Mfg. Co.

LATHES, SPECIAL PURPOSE—11-100

Aaron Machinery Co., Inc.
Acme Industrial Co.
Alina Corp.
American Tool Works Co., The
Amitool Co., Inc.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co., Ltd.
Blount Co., J. G.
Boye & Emmes Machine Tool Co., The
Burke Porter Machinery Co.
Carney-Stansfield Co.
Clausing Div., Atlas Press Co.
Clearing Div. of U. S. Industries
Cleveland Hobbing & Machine Co.
Consolidated Machine Tool Div.
Coulter Machine Co., James, The
Cross Co., The
Delta Power Tool Div., Rockwell
Mfg. Co.
Erinac Equipment Corp.
Gisholt Machine Co.
Girard Associates
Hirschmann Co., Inc., Carl
Johnson & Bassett, Inc.
LeBlond Machine Tool Co., R. K., The
Lehmann-Brandes Machine Co.
Lodge & Shipley Co., The
Morey Machines Co., Inc.
Monarch Machine Tool Co., The
Nebel Machine Tool Corp.
New Britain Machine Co., The, New
Britain-Gridley Div.
Orban Co., Inc., Kurt
Pioneer Engineering & Mfg. Co.
Pottstown Machine Co.
Seewald, Inc.
Seneca Falls Machine Co.
Sidney Machine Tool Co., The
Sigma Machinery, Inc.
Simmonds Machine Tool Co.
Snyder Corp.
Springfield Machine Tool Co., The
Standard Electrical Tool Co., The
Standard-Modern Tool Co., Ltd.
Star Machine & Tool Co.
Stokvis Edera & Co., Inc.

PRODUCTS

LATHES, SPECIAL PURPOSE (cont.)

Sundstrand Machine Tool Co.
Thompson Mfg. Co., Earl A.
Townsend Mfg. Co., H. P., The
U. S. I.-Clearing, Div. of U. S.
Industries, Inc.
Wickes Machine Tool Div.

LATHES, SPEED—11-109

American Waldrich Mfg. Corp.
Crozier Machine Tool Co.

LATHES, SPINNING—21-090

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Beine-Crane Co.
Cincinnati Milling Machine Co.
Cleveland Hobbing & Machine Co.
Columbia International Corp.
Cosa Corp.
Ferracute Machine Co.
Furane Plastics, Inc.
Hill, Inc., Walter P.
Hufford Corp., The
Lodge & Shipley Co., The
Machine Specialties Co.
Meta-Dynamics Div., Cincinnati
Milling & Grinding Machines, Inc.
Oliver Machinery Co.
Standard-Modern Tool Co., Ltd.

LATHES, TRACING—11-108

Aaron Machinery Co., Inc.
American Tool Works Co., The
Amitool Co., Inc.
Bachmann Co., Inc., Eric R.
Ballard Co., The
Barer Engineering & Machinery Co., Ltd.
Black Rock Mfg. Co., The
Boye & Emmes Machine Tool Co., The
Campbell Contour Attachment Co., Inc.
Carney-Stansfield Co.
Clearing Div. of U. S. Industries
Cincinnati Lathe and Tool Co.
Cleveland Hobbing & Machine Co.
Cone Automatic Machine Co., Inc.
Consolidated Machine Tool Div.
Erinac Equipment Corp.
Fidelity Machine Tool Inc.
Gisholt Machine Co.
Graham Machine Tool Co.
Hirschmann Co., Inc., Carl
Homestrand, Inc.
Jones & Lamson Machine Co.
LeBlond Machine Tool Co., R. K., The
Lehmann-Brandes Machine Co.
Lodge & Shipley Co., The
Monarch Machine Tool Co., The
Nebel Machine Tool Corp.
New Britain Machine Co., The, New
Britain-Gridley Div.
Penniman Co., Elsha
Rockford Machine Tool Co.
Russell, Holbrook & Henderson, Inc.
S & S Machinery Co.
Seewald, Inc.
Seneca Falls Machine Co.
Sheppard, Stanley
Sidney Machine Tool Co., The
Sigma Machinery, Inc.
Springfield Machine Tool Co., The
Standard-Modern Tool Co., Ltd.
Sundstrand Machine Tool Co.
Technix Co.
Turnomat Co., Inc.
U. S. I.-Clearing, Div. of U. S.
Industries, Inc.
Warner & Swasey Co.
Weisser Machinery

LATHES, TURRET—11-104

Aaron Machinery Co., Inc.
Alina Corp.
Bachmann Co., Inc., Eric R.
Ballard Co., The
Bardons & Oliver, Inc.
Behr Machinery & Equipment Corp.
Carney-Stansfield Co.
Challenge Machinery Co., The
Clausing Div., Atlas Press Co.
Cleveland Automatic Machine Co., The
Cleveland Hobbing & Machine Co.
Columbia International Corp.
Cosa Corp.
Delta Power Tool Div.
Derbyshire, Inc., F. W.
De Silvey Corp., The

Erinac Equipment Corp.
Fidelity Machine Tool Inc.
Gisholt Machine Co.
Hardinge Brothers, Inc.
Hirschmann Co., Inc., Carl
Hjorth Lathe & Tool Co.
Jones & Lamson Machine Co.
Lincoln Industries Co.
Loefel Co., Inc., Arthur, The
Logan Engineering Co.
M. B. I. Export & Import Ltd.
Morey Machinery Co., Inc.
Oster Mfg. Co., The
Rivett Lathe & Grinder, Inc.
S & S Machinery Co.
Seewald, Inc.
Sheldon Machine Co., Inc.
Sigma Machinery, Inc.
South Bend Lathe Works
Stark Tool Co.
Warner & Swasey Co.
Wickman Mfg. Co.

LATHES, VERTICAL CHUCKING—11-111

Bullard Co., The

LATHES, VERTICAL TURRET—11-110

Kaukauna Div.

LAYOUT FLUIDS—74-037

Crown Industrial Products, Inc.
Dykem Co., The
Starrett Co., L. S., The
Tammes Industries Co.

LEVELS & PLUMBS—74-032

Brown & Sharpe Mfg. Co., Industrial
Products Div.
Bruning Co., Inc., Charles
Lufkin Rule Co.
Starrett Co., L. S., The
Taft-Peirce Mfg. Co., The
Tru-Center Products Co.
Warren-Knight Co.

LEAD, TIN, ZINC—02-030

American Smelting & Refining Co.
Belmont Smelting & Refining Works, Inc.
New Jersey Zinc Co., The
Udylite Corp., The

LEVELING JACKS (see Jacks, Leveling)

LIGHTING FIXTURES & LAMPS—81-040

Dazor Mfg. Corp.
Enco Mfg. Co.
Machine Products Corp.
Robboy Electric Mfg. Co.
Sta-Put Lite & Equipment Corp.
Stocker and Yale, Inc.
Swiveller Co., Inc.
Twentieth Century Mfg. Co.
Vimco Mfg. Co., Inc.
Westinghouse Electric Corp.

LOW MELTING ALLOYS

(see Alloys, Low Melting)

LUBRICANTS—04-110

Acheson Colloids Co.
Aldridge Industrial Oils, Inc.
Alemite Div., Stewart Warner Corp.
Alpha-Molykote Corp., The
Anderson Oil & Chemical Co., Inc.
Atlantic Refining Co., The
Aviation Lubricants Co., Inc.
Bel-Ray Co., Inc.
Cabot, Inc., Samuel
Chemical Development Corp.
Chicago Mfg. & Distributing Co.
Cliff Sales Co.
Crown Industrial Products Co.
Adam Cook's Sons, Inc.
DoAll Co., The
Esso Standard Oil Co.
Fiske Brothers Refining Co.
Gulf Oil Corp.
Houghton & Co., E. F.
International Chemical Co., Inc.
Johnson & Son, Inc., S. C.
Kano Laboratories
Kerns Co., L. R.
Keystone Lubricating Co.
Lubikoid Co.
Macco Products Co., The

Magnus Chemical Co., Inc.
Metal Lubricants Co.
Miller Corp., Harry
National Diamond Laboratory
National Refining Co., Div. Ashland
Oil & Refining Co.
New York & New Jersey Lubricant Co.
H & B Petroleum Co.
Penn Scientific Products Co.
Pic Design Corp.
Rick-Lick, Inc.
Senson & Sons, Inc., Henry E.
Scientific Lubricants Co.
Shell Oil Co.
Sinclair Refining Co.
Socony Mobil Oil Co.
Stadoll Mfg. Co.
Standard Die Set Co.
Standard Oil Co. of California, Western
Operations, Inc.
Standard Oil Co., (Indiana)
Stuart Oil Co., Ltd., D. A.
Tap Cartridge Co., The
Texas Co., The
Thor Power Tool Co.
Valvoline Oil Co.
White & Bagley Co., The

LUBRICATING SYSTEMS

(see Systems, Lubricating)

LUBRICATION FITTINGS—12-110

Alemite Div., Stewart Warner Corp.
Balcrank, Inc.
Bjur Lubricating Corp.
Bowen Products Corp.
Gits Bros. Mfg. Co.
Keystone Lubricating Co.
Manzel, Inc.

LUBRICATORS, AIR—82-097

Airmatic Valve, Inc.
Air-Mite Devices, Inc.
Albertson & Co., Inc.
Alemite Div., Stewart Warner Corp.
Aro Equipment Corp., The
Arrow Tools, Inc.
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Gardner-Denver Co.
Gits Bros. Mfg. Co.
Hannifin Co.
Ingersoll-Rand Co.
Logansport Machine Co., Inc.
M-B Products, Inc.
Manzel, Inc.
Martin Engineering Co.
Master Pneumatic, Inc.
Mechanical Air Controls, Inc.
Nielsen, Inc., E. V.
Q. C. Engineering Products, Div.
Pearson, Inc.
Quackenbush Co., A. B.
S-P Mfg. Corp., The
The Schrader's Sons, A.
Thor Power Tool Co.
Valvair Corp.
Versa Products Co., Inc.
Watts Regulator Co.
Wilkinson Corp.
Wilton Tool Mfg. Co., Inc.

MAGAZINE FEEDS—55-021

Alco Tool Co., The
Bliss Co., E. W.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Century Detroit
Electro-Autosizing Machine Corp.
Gray Equipment Co.
Kenhos Corp., Div. George H. Kendall,
Mech. Engrs. & Cons.
Lipe-Railway Corp.
Payne Tool and Engineering Co., The
Pottstown Machine Co.
Thompson Mfg. Co., Earl A.
Waltham Machine Works, Inc.

MAGNESIUM—02-040

American Smelting & Refining Co.
Belmont Smelting & Refining Works, Inc.
Brooks & Perkins, Inc.
Dow Chemical Co., The

MAGNESIUM TOOLING PLATE

(see Tooling Plate, Magnesium)

MAGNETIC CHUCKS (see Chucks, Magnetic)

MAGNETIC PARTICLE INSPECTION EQUIPMENT—62-020

Annis Co., R. B.
Magnaflex Corp.
Magnetic Analysis Corp.
Miller Corp., Harry
Rolett Tools & Die Mfg.

MAGNIFIERS—92-060

Dazor Mfg. Co.
Eder Instrument Co., Inc.
Edroy Products Co.
Stebar Co.

MANDREL EXPANDING MACHINES (see Expanding Mandrel Machines)

MANDREL SECTIONS, EXPANDING—23-080

A & C Engineering Co.
Arrowsmith Tool & Die Corp.
Barth Corp., The
Dunham Tool Co., Inc., The
Grotnes Machine Works, Inc.
Hill, Inc., Walter P.
Morton Mfg. Co.
Speedgrip Chuck
Wean Equipment Corp.

MANDRELS, EXPANDING, MANUAL—12-122

A & C Engineering Co.
Arrowsmith Tool & Die Corp.
Beaver Tool & Engineering Corp.
Dewco Corp.
Dunham Tool Co., Inc., The
Erickson Tool Co.
Lee Co., K. O.
LeCount Tool Works, Inc.
Montgomery & Co., Inc.
Morton Mfg. Co.
Precision Processing Co.
Scully-Jones & Co.
Speedgrip Chuck
Wean Equipment Corp.
Woodworth Co., N. A.

MANDRELS, EXPANDING, POWER—12-123

A & C Engineering Co.
Arrowsmith Tool & Die Corp.
Black Rock Mfg. Co., The
Dewco Corp.
Dunham Tool Co., Inc., The
Erickson Tool Co.
Grotnes Machine Works, Inc.
Morton Mfg. Co.
Scully-Jones & Co.
Speedgrip Chuck
Vall Engineering Co., The
Wean Equipment Corp.
Woodworth Co., N. A.

MANDRELS, SOLID—12-121

Alvord-Polk Tool Co.
Arrow Tool & Reamer Co.
Beaver Tool & Engineering Corp.
Bealy-Welles Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Brubaker Tool Corp.
Bultool Co.
Chicago Die Casting Mfg. Co.
Chicago-Latrobe
Cleveland Twist Drill Co., The
DeKalb Precision Industries
Foredom Electric Co., Inc.
Gorham Tool Co.
Lehmann-Fulton Boring Tool Co.
Madison Tool & Supply Co.
Morse Twist Drill & Machine Co.
Payne Tool and Engineering Co., The
Productive Tool Service, Inc.
Quality Tool Works, Inc.
S & E Machine Products, Inc.
South Bend Lathe Works
Special Drill & Reamer Corp.
Starlite Industries, Inc.
Tietzmann Tool Corp.
Wean Equipment Corp.
Wilkens, Inc., Alwin Fr.

MANDRELS, TUBE BENDING—23-180
Pines Eng. Co., Inc.

MARKING DIES (see Dies, Marking)

MARKING MACHINES—21-170

AA Gage Co.
Aaron Machinery Co., Inc.

Acromark Co., The
Brady Co., W. H.
Cadillac Stamp Co.
Carney-Stansfield Co.
Century Detroit
Cunningham Co., M. E.
Defiance Machine & Tool Co.
Electromark Corp., The
Force & Co., Inc., Wm. A.
Gorton Machine Co., George
Gottcho, Inc., Adolph
Hannifin Co.
Hjorth Lathe & Tool Co.
Hoggson & Pettis Mfg. Co., The
Ideal Industries, Inc.
Imperial Stamp & Engraving Co.
Japax America Corp.
Luma Electric Equipment Co., The
Markem Machine Co.
Matthews & Co., Jas. H.
New Method Steel Stamps, Inc.
Noble & Westbrook Mfg. Co., The
Parker-Hartford Corp., The
Preis Engraving Machine Co., H. P.
Roovers - Lotach Corp.
Schmidt, Inc., Geo. T.
Testing Machines, Inc.
Thor Power Tool Co.
Wilkens, Inc., Alwin Fr.

MATERIAL HANDLING EQUIPMENT, BULK HANDLING AND STORAGE—83-031

Allis-Chalmers Mfg. Co.
Alvey-Ferguson Co., The
Anchor Steel & Conveyor Co.
Baker Industrial Trucks
Bay Products Div.
Century Detroit
Chain Belt Co.
Chainveyor Corp.
Chicago Mfg. & Distributing Co.
Chicago Pneumatic Tool Co.
Chicago Tramrail Corp.
Clark Equipment Co., Industrial Truck Div.
Cleveland Crane & Engineering Co., The
Colson Corp., The
Coolant Equipment Corp.
Daco Metal Products
Dillon & Co., Inc., W. C.
Economy Engineering Co.
Electro Life, Inc.
Elwell-Parker Electric Co., The
Factory Service Co.
Fairbanks Co.
Gardner-Denver Co.
General Metals, Inc.
Grand Specialties Co.
Grieder Industries, Inc.
Hamilton Tool Co., The
Hapman Conveyors, Inc.
Harnischfeger Corp.
Heppenstall Co.
Hewitt-Robins, Inc.
Hill Acme Co., The
Hoffman Products Co., Inc.
Hyster Co.
Ingersoll-Rand Co.
Lamb Co., F. Jos.
Lee Engineering Co.
Link-Belt Co.
Manning, Maxwell & Moore, Inc.
Myr Sheet Metal Ind., Inc., Arthur B.
Oliver Corp., The A. B. Farquhar Div.
Planet Corp.
Production Feeder Corp.
BCA Industrial & Machine Tool Operations
Rapids - Standard Co., Inc., The
Raymond Corp., The
Revolutor Co.
Richards-Wilcox Mfg. Co.
Ryerson & Son, Inc., Joseph T.
Sunray Co.
Syntron Co.
Thompson Mfg. Co., Earl A.
Thor Power Tool Co.
Towmotor Corp.
Union Steel Products Co.
United States Rubber Co.
Webb Co., Jervis B.
Webster Mfg. Co.
Whiting Corp.
Wilson Automation Co.
Yale & Towne Mfg. Co., The

MATERIAL HANDLING EQUIPMENT, COMPONENTS—83-033

Allis-Chalmers Mfg. Co.

Alvey-Ferguson Co., The
American Pulley Co., The
Anchor Steel & Conveyor Co.
Baker Industrial Trucks
Buschman Co., E. W., The
Cargill Detroit Corp.
Century Detroit
Chain Belt Co.
Chainveyor Corp.
Chicago Tramrail Corp.
Clark Equipment Co., Industrial Truck Div.
Cleveland Crane & Engineering Co., The
Colson Corp., The
Cross Co., The
Dillon & Co., Inc., W. C.
Economy Engineering Co.
Electro Lift, Inc.
Elwell-Parker Electric Co., The
Eriez Mfg. Co.
Factory Service Co.
Fairbanks Co., The
General Metals, Inc.
Grand Specialties Co.
Greer Hydraulics, Inc.
Hamilton Tool Co., The
Harnischfeger Corp.
Heppenstall Co.
Hewitt-Robins, Inc.
Hyster Co.
Kenhos Corp., Div. George H. Kendall, Mech. Engrs. & Cons.
Lamb Co., F. Jos.
Link-Belt Co.
Lukens Steel Co.
Main & Sons, Inc., Robert A.
Manning, Maxwell & Moore, Inc.
Myr Sheet Metal Ind., Inc., Arthur B.
Oliver Corp., The A. B. Farquhar Div.
Production Feeder Corp.
BCA Industrial & Machine Tool Operations
Rapids - Standard Co., Inc., The
Raybestos-Manhattan, Inc.
Raymond Corp., The
Richards-Wilcox Mfg. Co.
Seneca Falls Machine Co.
Standard Conveyor Co.
Sunray Co.
Syntron Co.
Taylor-Winfield Corp.
Thompson Mfg. Co., Earl A.
Towmotor Corp.
Union Steel Products Co.
United States Rubber Co.
Vau-Blast Co., Inc.
Webb Co., Jervis B.
Webster Mfg. Inc.
Westinghouse Electric Corp.
Wilson Automation Co.
Yale & Towne Mfg. Co., The

MATERIAL HANDLING EQUIPMENT, PARTS HANDLING AND STORAGE—83-032

Allis-Chalmers Mfg. Co.
Alvey-Ferguson Co., The
Anchor Steel & Conveyor Co.
Automation Devices, Inc.
Barnes Co., W. F. and John
Buschman Co., E. W., The
Cargill Detroit Corp.
Century Detroit
Chainveyor Corp.
Chicago Tramrail Corp.
Clark Equipment Co., Industrial Truck Div.
Cleveland Crane & Engineering Co., The
Colorado Fuel & Iron Corp., The
Colson Corp., The
Deluxe Metal Furniture Co.
Detroit Power Screwdriver Co.
Economy Engineering Co.
Electro Lift, Inc.
Factory Service Co.
Feedall, Inc.
Gear-O-Mation Div., Michigan Tool Co.
General Metals, Inc.
Gray Equipment Co.
Hamilton Tool Co., The
Harnischfeger Corp.
Heppenstall Co.
Hoffman Products Co., Inc.
Hyster Co.
Industrial Washing Machine Corp.
Lamb Co., F. Jos.
Lee Engineering Co.
Leebore Mfg. Co.
Link-Belt Co.
Manning, Maxwell & Moore, Inc.

PRODUCTS

MATERIAL HANDLING EQUIPMENT, PARTS HANDLING & STORAGE (cont.)

Michigan Tool Co.
Miner Tool Co., T. B.
Multifinish Mfg. Co.
Myr Sheet Metal Ind., Inc., Arthur B.
Oliver Corp., The, A. B. Farquhar Div.
Peeco Div.
Planet Corp.
Production Feeder Corp.
RCA Industrial & Machine Tool
Operations
Rapids - Standard Co., Inc., The
Raymond Corp., The
Revolutor Co.
Richards-Wilcox Mfg. Co.
Sahlin Engineering Co., Inc.
Simmons Co., W. R.
Spaulding Fibre Co., Inc.
Standard Conveyor Co.
Sunray Co.
Syntron Co.
Thompson Mfg. Co., Earl A.
Thor Power Tool Co.
Towmotor Corp.
Ty-Se-Man Machine Co.
Union Steel Products Co.
United States Rubber Co.
Webb Co., Jervis B.
Whiting Corp.
Wilson Automation Co.
Yale & Towne Mfg. Co., The

METAL POWDER FORMING DIES (see Dies, Metal Powder Forming)

METAL POWDER FORMING PRESSES (see Presses, Metal Powder Forming)

METAL SPRAYING EQUIPMENT—45-050

Cerro De Pasco Sales Corp.
Colmonoy Div.
Metallizing Co. of America, Inc.
Metallizing Engineering Co., Inc.
Wall Colmonoy Corp.

METALS, PLASTIC (see Plastic Metals)

METALS, POWDER (see Powder Metals)

MICROMETER TYPE GAGES (see Gages, Micrometer Type)

MICROSCOPES, TOOLROOM—63-099

Bosch & Lomb Optical Co.
DuMaurier Co.
Engle Equipment Co.
Ereona Corp.
Gaertner Scientific Corp., The
Nikon, Inc.
Opto-Metric Tools, Inc.
Unitron Instrument Div.

MILLING ATTACHMENTS, SPECIAL PURPOSE—12-137

Aaron Machinery Co., Inc.
Alva Allen Industries
Arrow Engineering Co., Inc.
Barker Engineering Co.
Beaver Tool & Engineering Corp.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Brown & Sharpe Mfg. Co., Turner
Drilling Div., Inc.
Century Detroit
Chicago Tool & Engineering Co.
Cincinnati Milling Machine Co.
Cross Co., The
Epsen-Lucas Machine Works
Erinac Equipment Corp.
Eversada Tool Co.
Everede Tool Co.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Greaves Machine Tool Div.
Hudson Automatic Machine & Tool Co.
Illinois Tool Works
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Kempnath Machine Co.
Michigan Drill Head Co.
New Britain Tool & Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Pioneer Engineering & Mfg. Co.
Pratt & Whitney Co., Inc.

Retco Mfg. & Sales
Rouse & Co., H. B.
Rowbottom Machine Co., Inc.
Rusnok Tool Works
Sigma Machinery, Inc.
Standard-Modern Tool Co., Ltd.
Tree Tool & Die Works
Turnomat Co., Inc.
Universal Vise & Tool Co.
Van Norman Machine Co.
Veet Industries
Warner & Swasey Co., The

MILLING CUTTERS, END—13-078

Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Arrow Tool & Reamer Co.
B. S. A. Tools, Ltd.
B & W Precision Products Co.
Barber-Colman Co.
Besly-Welles Corp.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Colonial Tool Co.
Conical Tool Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DeWitt Equipment Corp.
Denco Corp. - Raymac Div.
DoAll Co., The
Eclipse End Mill Div., Eelipse
Counterbore Co.
Elgin National Watch Co.
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Futurmill, Inc.
Glenbard Tool Mfrs., Inc.
Glenzer Co., J. C., The
Goddard & Goddard Co.
Gorham Tool Co.
Gorton Machine Co., George
Greaves Machine Tool Div.
Greenfield Tap & Die
Helier Tool Co.
Hunt's Grinding & Mfg.
Illinois Tool Works
Ingersoll Milling Machine Co.
International Abrasive Corp.
Jarvis Corp.
Lovejoy Tool Co., Inc.
Lund Mfg. Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Malcom Tools Corp.
McCroskey Tool Corp.
Metal Removal Co., The
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Tool Co.
National Tool Salvage Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Newcomer Products, Inc.
Niagara Cutter Div.
Onarud Cutter Mfg. Co., Inc.
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Precision Products Corp.
Precision Twist Drill & Mach. Co.
Productive Tool Service, Inc.
Putnam Tool Co.
Reltool Corp.
Rotary Tool Industries, Inc.
Rutland Tool Service
S & E Machine Products, Inc.
Sandvik Steel, Inc.
Schmarje Tool Co.
Schmitt Co., R. L.
Severance Tool Industries, Inc.
Sonnet Tool & Mfg. Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Staples Tool Co., The
Starlite Industries, Inc.
Super Tool Co., Div. of Van Norman Ind.
Thurston Mfg. Co.
Tomkins-Johnson Co., The
Union Twist Drill Co.
Viking Tool Co., Inc., The
Weldon Tool Co., The

Wendt-Sonis Co.
Wesson Co.
Whitman & Barnes
Wiley's Carbide Tool Co.
Woodruff & Stokes Co., Inc.
Woodson Tool Co.

MILLING CUTTERS, FORM—13-072

Alco Tool Co., The
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B. S. A. Tools, Ltd.
B & W Precision Products Co.
Barber-Colman Co.
Brown Co., R. F.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brubaker Tool Corp.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Crafts Co., Inc., Arthur A.
Crobalt, Inc.
Dayton Carbide Tool Co., Inc.
DoAll Co., The
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Futurmill, Inc.
Glenbard Tool Mfrs., Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hunt's Grinding & Mfg.
Illinois Tool Works
Ingersoll Milling Machine Co.
Jerpak-Bayless Co.
Lovejoy Tool Co., Inc.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Maynor Tool & Cutter Co., Inc.
McCroskey Tool Corp.
Medio Co., The
Meyers Co., W. F.
Michigan Tool Co.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Niagara Cutter Div.
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Quality Tool Works, Inc.
Rutland Tool Service
S & E Machine Products, Inc.
Schmarje Tool Co.
Sonnet Tool & Mfg. Co.
Standard Tool Co.
Sykes Machine & Gear Corp.
Thurston Mfg. Co.
Union Twist Drill Co.
Viking Tool Co., Inc., The
Weldon Tool Co., The
Wesson Co.
Wetmore Tool & Engineering Co.
Wiley's Carbide Tool Co.
Woodruff & Stokes Co., Inc.

MILLING CUTTERS, HIGH-HELIX—13-073

American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Conical Tool Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DoAll Co., The
F & D Tool Co., Inc.
Falcon Tool Co.
Glenbard Tool Mfrs., Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hunt's Grinding & Mfg.
Illinois Tool Works
Lovejoy Tool Co., Inc.
Madison Industries, Inc.
Madison-Relco Tool Co.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.

**MILLING CUTTERS,
HIGH-HELIX—13-073 (cont.)**

National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Niagara Cutter Div.
Onarud Cutter Mfg. Co., Inc.
Onarud Machine Works, Inc.
Pioneer Engineering & Mfg. Co.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Quality Tool Works, Inc.
Reltool Corp.
Rutland Tool Service
S & E Machine Products, Inc.
Sonnet Tool & Mfg. Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Super Tool Co., Div. of Van Norman Ind.
Sykes Machine & Gear Corp.
Thurston Mfg. Co.
Tomkins-Johnson Co., The
Union Twist Drill Co.
Weldon Tool Co., The
Whitman & Barnes

**MILLING CUTTERS, HOLLOW
ADJUSTABLE—13-075**

American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Arrow Tool & Reamer Co.
Besly-Welles Corp.
Brubaker Tool Corp.
Carbide Tools, Inc.
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Gairing Tool Co.
Genesee Mfg. Co.
Goddard & Goddard Co.
Gorham Tool Co.
Landis Machine Co.
Lovejoy Tool Co., Inc.
Madison Industries, Inc.
McCrosky Tool Corp.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Tool Co.
Niagara Cutter Div.
Productive Tool Service, Inc.
Standard Tool Co.
Viking Tool Co., Inc., The
Weddell Tools, Inc.
Wirth & Son, Inc., Carl
Woodruff & Stokes Co., Inc.

**MILLING CUTTERS, INSERTED
BLADE—13-074**

American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Arrow Tool & Reamer Co.
Beaver Tool & Engineering Corp.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Carbide Tools, Inc.
Cleveland Cutter & Reamer Co.
Crafts Co., Inc., Arthur A.
Crobalt, Inc.
Dayton Carbide Tool Co., Inc.
Ex-Cell-O Corp.
Falcon Tool Co.
Futurmill, Inc.
Gairing Tool Co.
Goddard & Goddard Co.
Gorham Tool Co.
Haynes Stellite Co.
Illinois Tool Works
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Kennametal, Inc.
Lovejoy Tool Co., Inc.
Madison Industries, Inc.
McCrosky Tool Corp.
Meyers Co., W. F.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
Niagara Cutter Div.
National Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Newcomer Products, Inc.
Onarud Cutter Mfg. Co., Inc.
Onarud Machine Works, Inc.
Productive Tool Service, Inc.
Sandvik Steel, Inc.
Sonnet Tool & Mfg. Co.
Standard Tool Co.
Super Tool Co., Div. of Van Norman Ind.
Union Twist Drill Co.

Valelite Metals Div.
Viking Tool Co., Inc., The
Weddell Tools, Inc.
Wesson Co.

MILLING CUTTERS, PLAIN—13-071

Aber Engineering Works, Inc.
Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
Atkins Saw Div., Borg Warner Corp.
B & W Precision Products Co.
Barber-Colman Co.
Besly-Welles Corp.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brubaker Tool Corp.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DeWitt Equipment Corp.
DoAll Co., The
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Glenbard Tool Mfrs., Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greaves Machine Tool Div.
Hage Industrial Corp.
Hunt's Grinding & Mfg.
Illinois Tool Works
Ingersoll Milling Machine Co.
Lovejoy Tool Co., Inc.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masters Precision Tools Co.
Maynor Tool & Cutter Co., Inc.
McCrosky Tool Corp.
Meyers Co., W. F.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Newcomer Products, Inc.
Niagara Cutter Div.
North American Products Corp.
Onarud Cutter Mfg. Co., Inc.
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Quality Tool Works, Inc.
Reltool Corp.
Rutland Tool Service
Sonnet Tool & Mfg. Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Staples Tool Co., The
Super Tool Co., Div. of Van Norman Ind.
Thurston Mfg. Co.
Tomkins-Johnson Co., The
Union Twist Drill Co.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wendit-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

MILLING CUTTERS, SHELL—13-076

Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co.
Beaver Tool & Engineering Corp.
Besly-Welles Corp.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brubaker Tool Corp.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DeWitt Equipment Corp.
DoAll Co., The
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Futurmill, Inc.
Glenbard Tool Mfrs., Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greaves Machine Tool Div.

Hunt's Grinding & Mfg.
Illinois Tool Works
Ingersoll Milling Machine Co.
Lovejoy Tool Co., Inc.
Madison-Relco Tool Co.
McCrosky Tool Corp.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Newcomer Products, Inc.
Niagara Cutter Div.
Onarud Cutter Mfg. Co., Inc.
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Putnam Tool Co.
Reltool Corp.
Sandvik Steel, Inc.
Sonnet Tool & Mfg. Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Staples Tool Co., The
Super Tool Co., Div. of Van Norman Ind.
Thurston Mfg. Co.
Union Twist Drill Co.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wendit-Sonis Co.
Wesson Co.
Whitman & Barnes

MILLING CUTTERS, THREAD—13-077

Barber-Colman Co.
Brown Co., R. F.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Carbide Tools, Inc.
Chase Tool Co., Inc., The
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Crafts Co., Inc., Arthur A.
Detroit Tap & Tool Co.
DoAll Co., The
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Glenbard Tool Mfrs., Inc.
Goddard & Goddard Co.
Greaves Machine Tool Div.
Hanson-Whitney Co.
Illinois Tool Works
Jerpak-Bayless Co.
Michigan Tool Co.
Modco Tools Div. of the Valeron Corp.
National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc., Subsidiary of
Brown & Sharpe Mfg. Co.
Niagara Cutter Div.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Standard Tool Co.
Thurston Mfg. Co.
Union Twist Drill Co.

MILLING HEADS (see Heads, Milling)

**MILLING MACHINE ARBORS
(see Arbors, Milling Machine)**

MILLING MACHINES, BED—11-124

Aaron Machinery Co., Inc.
Alina Corp.
Bachmann Co., Inc., Eric R.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Consolidated Machine Tool Div.
Epsen-Lucas Machine Works
Fanco Machine Co.
Fidelity Machine Tool, Inc.
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Kent-Owens Machine Co.
Marac Machinery Corp.
Mercuria Co.
Nichols Co., W. H.
Olivetti Corp. of America, Machine
Tool Div.
Onarud Machine Works, Inc.
Producto Machine Co., The
Rem Sales, Inc.
Russell, Holbrook & Henderson, Inc.
S & S Machinery Co.
Seewald, Inc.

PRODUCTS

MILLING MACHINES, BED (cont.)

Sigma Machinery, Inc.
Southern Machine Tool Co.
Sundstrand Machine Tool Co.
U. S. Tool Co., Inc.
Van Norman Machine Co.

MILLING MACHINES, BENCH—11-121

Aaron Machinery Co., Inc.
Ames Precision Machine Works
Barker Engineering Co.
Benchmaster Mfg. Co.
Derbyshire, Inc., F. W.
Diamond Machine Tool Corp.
Fidelity Machine Tool Inc.
Frew Machine Co., The
Hardinge Brothers, Inc.
Hirschmann Co., Inc., Carl
Masters Precision Tools Co.
Precise Products Corp.
Rotex Punch Co., Inc.
Rouse & Co., H. B.
Russell, Holbrook & Henderson, Inc.
S & S Machinery Co.
Seewald, Inc.
Sheldon Machine Co., Inc.
Sheppard, Stanley
Southern Machine Tool Co.
Stark Tool Co.
U. S. Burke Machine Tool Div.

MILLING MACHINES, DIE SINKING—11-127

Aaron Machinery Co., Inc.
Arrow Engineering Co., Inc.
Barker Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Cincinnati Milling Machine Co.
Consolidated Machine Tool Div.
Cosa Corp.
Ekstrom Carlson & Co.
Erinac Equipment Corp.
Fidelity Machine Tool Inc.
Forney's, Inc.
Giddings & Lewis Machine Tool Co.
Gorton Machine Co., George
Hirschmann Co., Inc., Carl
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Mercuria Co.
Pratt & Whitney Co., Inc.
Russell, Holbrook & Henderson, Inc.
Sigma Machinery, Inc.
Sundstrand Machine Tool Co.
Thurston Mfg., Co.
Wilkins, Inc., Alwin Fr.

MILLING MACHINES, KNEE—11-122

Aaron Machinery Co., Inc.
Alina Corp.
Amtool Co., Inc.
Austin Industrial Corp.
Bachmann Co., Inc., Eric R.
Barker Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Brown & Sharpe Mfg. Co., Machine Tool
Div.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Columbia International Corp.
Cosa Corp.
Diamond Machine Tool Corp.
Ekstrom Carlson & Co.
Famco Machine Co.
Famco Machine Co.
Fidelity Machine Tool, Inc.
Gorton Machine Co., George
Graham Machine Tool Co.
Greaves Machine Tool Div.
Hardinge Brothers, Inc.
Head Machine Works
Hermes Machine Tool Co., Inc.
Homstrand, Inc.
Index Industrial Corp.
Index Machine Co.
Johnson & Bassett, Inc.
Kearney & Trecker Corp.
Kempson Machine Co.
Knight Machinery Co., W. B.
Marac Machinery Corp.
Nichols Co., W. H.
Onarud Machine Works, Inc.
Rem Sales, Inc.
Russell, Holbrook & Henderson, Inc.
Seewald, Inc.

Sheldon Machine Co., Inc.
Sheppard, Stanley
Sigma Machinery, Inc.
South Bend Lathe Works
Standard-Modern Tool Co., Ltd.
U. S. Burke Machine Tool Div.
Van Norman Machine Co.

MILLING MACHINES, PLANER—11-125

Aaron Machinery Co., Inc.
American Schless Corp.
Bachmann Co., Inc., Eric R.
Barker Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Burr & Son, Inc., John T.
Carney-Stansfield Co.
Consolidated Machine Tool Div.
Epsen-Lucas Machine Works
Cosa Corp.
Fidelity Machine Tool, Inc.
Fitchburg Engineering Corp.
Giddings & Lewis Machine Tool Co.
Gray Co., G. A. The
Ingersoll Milling Machine Co.
Innocenti Corp.
Klingelhoefer Machine Tool Corp., Albert
Morton Mfg. Co.
Olivetti Corp. of America
Seewald, Inc.
Sigma Machinery, Inc.
Simplex Machine Tool Corp.
Vest Industries
Young Machine Tool

MILLING MACHINES, PROFILING—11-126

Aaron Machinery Co., Inc.
American Schless Corp.
Arrow Engineering Co., Inc.
Bachmann Co., Inc., Eric R.
Barker Engineering & Machinery Co.
Black Rock Mfg. Co., The
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Colonial Brosch & Machine Co.
Ekstrom Carlson & Co.
Erinac Equipment Corp.
Ex-Cell-O Corp.
Famco Machine Co.
Famco Machine Co.
Farnham Div.
Fidelity Machine Tool, Inc.
Forney's, Inc.
Frew Machine Co., The
Giddings & Lewis Machine Tool Co.
Gorton Machine Co., George
Hirschmann Co., Inc., Carl
Ingersoll Milling Machine Co.
Johnson & Bassett, Inc.
Kearney & Trecker Corp.
Manex Machinery Corp.
New England Machine & Tool Co.
Nichols Co., W. H.
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Rem Sales, Inc.
Rowbottom Machine Co., Inc.
Russell, Holbrook & Henderson, Inc.
Sheppard, Stanley
Sigma Machinery, Inc.
Sundstrand Machine Tool Co.
Thurston Mfg., Co.
U. S. Burke Machine Tool Div.

MILLING MACHINES, RAM, SWIVEL HEAD—11-123

Aaron Machinery Co., Inc.
Amtool Co., Inc.
Bachmann Co., Inc., Eric R.
Barker Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Brown & Sharpe Mfg. Co., Machine Tool
Div.
Carney-Stansfield Co.
Cincinnati Milling Machine Co.
Clausing Div., Atlas Press Co.
Ekstrom Carlson & Co.
Famco Machine Co.
Famco Machine Co.
Fidelity Machine Tool, Inc.
Forney's, Inc.
Gorton Machine Co., George
Graham Machine Tool Co.
Hermes Machine Tool Co., Inc.
Index Machine Co.
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Manex Machinery Corp.

Mercuria Co.
Morton Mfg. Co.
Russell, Holbrook & Henderson, Inc.
South Bend Lathe Works
Standard-Modern Tool Co., Ltd.
Sundstrand Machine Tool Co.
U. S. Burke Machine Tool Div.
Van Norman Machine Co.

MILLING MACHINES, SPECIAL PURPOSE—11-129

Aaron Machinery Co., Inc.
Agnew Machine Co.
Alina Corp.
American Schless Corp.
Arrow Engineering Co., Inc.
Bachmann Co., Inc., Eric R.
Barker Engineering & Machinery Co., Ltd.
Barker Engineering Co.
Barnes Drill Co.
Barnes Co., John and W. F.
W. F. and Barnes Co., John
Bodine Corp., The
Brown & Sharpe Mfg. Co., Machine
Tool, Div.
Buhr Machine Tool Co.
Burke Porter Machinery Co.
Carney-Stansfield Co.
Century Detroit
Cincinnati Gilbert Machine Tool Co.
Cincinnati Milling Machine Co.
Colonial Brosch & Machine Co.
Conray Electro-Mechanical Corp.
Crosa Co., The
Davis & Thompson Co.
Drillination Co., Inc.
Ekstrom Carlson & Co.
Epsen-Lucas Machine Works
Ex-Cell-O Corp.
Fidelity Machine Tool, Inc.
Fitchburg Engineering Corp.
Forney's, Inc.
Futurmill, Inc.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Girard Associates
Gorton Machine Co., George
Greenlee Bros. & Co.
Hall Planetary Co. of Philadelphia
Hirschmann Co., Inc., Carl
Index Industrial Corp.
Industrial Metal Products Corp.
Ingersoll Milling Machine Co.
Innocenti Corp.
Johnson & Bassett, Inc.
Kearney & Trecker Corp.
Kent-Owens Machine Co.
Lamb Co., F. Jos.
Marac Machinery Corp.
Mercuria Co.
Michigan Drill Head Co.
Modern Industrial Engineering Co.
Moline Tool Co.
Morey-Machinery Co., Inc.
Morris Machine Tool Co.
Morton Mfg. Co.
New England Machine & Tool Co.
Nichols Co., W. H.
Olivetti Corp. of America, Machine Tool
Div.
Olofson Corp., The
Onarud Machine Works, Inc.
Orban Co., Inc., Kurt
Payne Tool and Engineering Co., The
Pioneer Engineering & Mfg. Co.
Pratt & Whitney Co., Inc.
Producto Machine Co., The
Rem Sales, Inc.
Rowbottom Machine Co., Inc.
Russell, Holbrook & Henderson, Inc.
Sigma Machinery, Inc.
Simplex Machine Tool Corp.
Snyder Corp.
Standard-Modern Tool Co., Ltd.
Sundstrand Machine Tool Co.
Swift Ohio Corp.
Townsend Mfg. Co., H. P., The
Tree Tool & Die Works
Trio Tool Co.
U. S. Burke Machine Tool Div.
Van Norman Machine Co.
Vest Industries

MILLING MACHINES, THREAD—11-128

Aaron Machinery Co., Inc.
American Schless Corp.
Coulter Machine Co., James, The
Hall Planetary Co. of Philadelphia
Kearney & Trecker Corp.

**MILLING MACHINES,
THREAD—11-128 (cont.)**

Lees-Bradner Co., The
Pratt & Whitney Co., Inc.
Russell, Holbrook & Henderson, Inc.
Sundstrand Machine Tool Co.
Waltham Machine Works, Inc.
Wickes Machine Tool Div., Wickes Corp.
The

**MILLS, ROLLING FLAT
(see Rolling Mills, Flat)**

MIST COLLECTORS (see Collectors, Mist)

**MODELS & TEMPLATES, PLANT
LAYOUT—92-040**

Industrial Models, Inc.
Visual Plant Layouts, Inc.

**MOLD BASES & ACCESSORIES,
PLASTIC—34-020**

Detroit Mold Engineering Co.
Houghton Laboratories, Inc.
International Abrasive Corp.
Richardson Co., The
Rocheleau Tool & Die Co., Inc.
Springfield Cast Products, Inc.
Standard Tool Co.
Tilp, Inc., V. G.
United States Gypsum Co.

MOLD RELEASES—04-230

Dow Corning Corp.
Houghton Laboratories, Inc.

MOLDING MACHINES, PLASTIC—34-010

Aaron Machinery Co., Inc.
Baker Brothers, Inc.
Birdsboro Steel Foundry & Machine Co.
British Machines & Foundry Supplies,
Ltd.
Dake Corp.
Eisler Engineering Co., Inc.
Elmes Engineering Div., American Steel
Foundries
Erie Foundry Co.
Erinac Equipment Corp.
Fellows Gear Shaper Co., The
Hydraulic Press Mfg. Co., The
Lake Erie Machinery Corp.
Lemco Industrial, Inc.
Lewis Welding & Eng'g. Corp., The
Logan Engineering Co.
Lombard Governor Corp.
M & N Modern Hydraulic Press Co., Inc.
Mitchell Specialty Div.
National Automatic Tool Co., Inc.
New England Butt Co.
Oliver Corp., The, A. B. Farquhar Div.
Reed-Prentice Div., Package Machinery
Co.
Rodgers Hydraulic, Inc.
Seewald, Inc.
Springfield Cast Products, Inc.
Standard Tool Co.
Stokes Corp., R. J.
Vernon AllSteel Press Co.
Warren Plastic & Engineering, Inc.
Watson-Stillman Press Div., Farrell-
Birmingham Co., Inc.
Wood Co., R. D.

MONOCHROMATIC LIGHTS—63-084

Acme Scientific Co.
Crane Packing Co.
Spartan Tool & Machine Co.
Van Keuren Co.

MOTOR-GENERATOR SETS—81-051

Leland Electric Co., The

MOTORS, AIR—82-051

Airetool Mfg. Co., The
Aro Equipment Corp., The
Bellows Co., The
Buckeye Tools Corp.
Carter Controls, Inc.
Chicago Pneumatic Tool Co.
Cleco Div.
Cleveland Pneumatic Industries, Inc.
Dake Corp.
Elipase Air Brush Co.
Electro-Mechano Co., The
Gardner-Denver Co.

Geat Mfg. Corp.
Hannifin Co.
Ingersoll-Rand Co.
Lelman Bros., Inc.
Martin Engineering Co.
Onarud Machine Works, Inc.
Onarud Machine Works, Inc.
Q. C. Engineering Products, Div.
Pearson, Inc.
Rotor Tool Co., The
Superior Pneumatic & Mfg., Inc.
Thor Power Tool Co.
Wilton Tool Mfg. Co., Inc.

MOTORS, ELECTRIC—81-020

Allis-Chalmers Mfg. Co.
Allis Co., Louis, The
Baldor Electric Co.
Brown-Brockmeyer Co., The
Century Electric Co.
Delco Products Div.
Diehl Mfg. Co.
Doerr Electric Corp.
Dumore Co., The
Electra Motors, Inc.
Fairbanks, Morse & Co.
Ferguson Machine Corp. of Indiana
General Electric Co.
Holtzer-Cabot Div.
Howell Electric Motors Co.
Ingraham Co., The
Jack & Heintz, Inc.
Janette Electric Mfg. Co.
Leland Electric Co., The
Lima Electric Motor Co., Inc., The
Lincoln Electric Co., The
Mamco Corp.
Marathon Electric Mfg. Corp.
Northfield Foundry & Machine Co.
Onarud Machine Works, Inc.
Palley Supply Co.
Reliance Electric & Engineering Co.
Reuland Electric Co.
Robbins & Myers, Inc.
Sterling Electric Motors, Inc.
Thor Power Tool Co.
U. S. Electrical Motors, Inc.
Walker-Turner Div.
Wesche Electric Co., B. A.
Western Gear Corp.
Westinghouse Electric Corp.
Woods Machine Co., S. A.

MOTORS, HYDRAULIC—82-060

Adel Precision Products, Div. of General
Metals Corp.
Barnes Corp., John S.
Brown & Sharpe Mfg. Co., Hydraulics
Div.
Carter Controls, Inc.
Commercial Shearing & Stamping Co.
Denison Engineering Div., American
Brake Shoe Co.
Double A Products Co., Subsidiary of
Brown & Sharpe Mfg. Co.
Hartmann Mfg. Co.
Hydraulic Press Mfg. Co., The
Jack & Heintz, Inc.
Mechanisms Co.
Oil-Dyne, Inc.
Oilgear Co., The
Palley Supply Co.
Porter, Inc., H. K.
Racine Hydraulics & Machinery, Inc.
Seewald, Inc.
Thompson Mfg. Co., Earl A.
Thor Power Tool Co.
Tuhill Pump Co.
Vickers, Inc.
Wilton Tool Mfg. Co., Inc.

MUFFLERS, AIR EXHAUST—82-098

Allied Witan Co., Inc.

MULTIPURPOSE MACHINES—11-202

AA Gage Co.
Agnew Machine Co.
Barnes Co., W. F. and John
Barth Corp., The
Bodine Corp., The
Brush Machine Tool Co.
Century Detroit
Cimo Engineering Co.
Cincinnati Milling Machine Co.
Cleveland Tapping Machine Co.
Cross Co., The
Drillmatic Co., Inc.

Dumore Co., The
Ex-Cell-O Corp.
Expert Welding Machine Co.
Ferguson Machine Corp. of Indiana
Frauenthal Div.
Gray Equipment Co.
Gray Co., G. A., The
Industrial Metal Products Corp.
Lamb Co., F. Jos.
Mesta Machine Co.
Michigan Drill Head Co.
Modern Industrial Engineering Co.
Morton Mfg. Co.
New Britain Machine Co., The, Lucas
Machine Div.
Onarud Machine Works, Inc.
Pottstown Machine Co.
Research Machine & Tool Co., Inc.
Richards Co., J. A.
Sahlin Engineering Co., Inc.
Snyder Corp.
Standard-Modern Tool Co., Ltd.
Thompson Mfg. Co., Earl A.
Veet Industries
Walker-Turner Div.
Warner & Swasey Co., The
Wilson Automation Co.

NAME PLATES—91-130

LaFrance Precision Casting Co.
Wright & Sons, Greg G.

NIBBLERS, PORTABLE ELECTRIC—73-110

Buckeye Tool Corp.
Fenway Machine Co.
Jemco Tool Corp.
Modern Mfg. Co., Inc.

NIBBLERS, PORTABLE PNEUMATIC—71-130

Buckeye Tools Corp.
Fenway Machine Co.

NIBBLINGS MACHINES—21-153

American Pullmax Co., Inc.
Beverly Shear Mfg. Co.
Lennox Tool & Machine Builders
Savage Co., W. J.

**NUMERICAL CONTROL SYSTEMS
(see Control Systems, Numerical)**

**NUMERICAL TAPE PREPARATION
EQUIPMENT
(see Tape Preparation Equipment, Numerical)**

**NUT RUNNER WRENCHES
(see Wrenches, Nut Runner)**

NUT RUNNERS, PORTABLE—71-030

Airetool Mfg. Co., The
Aro Equipment Corp., The
Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Div.
Detroit Boring Bar Co., The
Detroit Power Screwdriver Co.
Errington Mechanical Laboratory, Inc.
Flaton Machine Works, Inc.
Gardner-Denver Co.
Gray Equipment Co.
Haskins Co., R. G.
Ingersoll-Rand Co., Inc.
Master Pneumatic Tool Co., Inc.
Milwaukee Electric Tool Corp.
Proto Tool Co.
Remington Arms Co., Inc.
Rotor Tool Co., The
Scully-Jones & Co.
Stevens Walden, Inc.
Thor Power Tool Co.
U. S. Electrical Tool Co.

NUT RUNNING MACHINES—57-012

Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Div.
Detroit Power Screwdriver Co.
Gardner-Denver Co.
Gray Equipment Co.
Ingersoll-Rand Co.
Remington Arms Co., Inc.
Rotor Tool Co., The
Thor Power Tool Co.

PRODUCTS

NUT TAPPING MACHINES (see Tapping Machines, Nut)

NUTS—91-014

Allen Mfg. Co.
Aluminum Co. of America
Barry Controls, Inc.
Beaver Tool & Engineering Corp.
Bethlehem Steel Co.
Boyar-Schultz Corp.
Chase Brass & Copper Co.
Crayton Co., F. M.
Cleveland Cap Screw Co., The
Danly Machine Specialties, Inc.
Eaton Mfg. Co., Reliance Div.
Elastic Stop Nut Corp. of America
Felters Co., The
Grip Nut Co.
Hage Industrial Corp.
Harco Engineering
Jergens Tool Specialty Co.
Jerpak-Bayless Co.
Korfund Co., Inc.
Lamson & Sessions Co., The
Lord Mfg. Co.
Monroe Engineering Products, Inc.
Morton Machine Works
National Machine Products Co.
National Screw & Mfg. Co., The
Northwestern Tools, Inc.
Nylok Corp., The
O. K. Tool Co., Inc., The
Palmit Co., The
Parker-Kalton Div., General American
Transportation Corp.
Pawtucket Mfg. Co.
Pheoli Mfg. Co.
Pie Design Corp.
Precision Nut Co.
R and L Tools
Republic Steel Corp.
Rosan, Inc.
Russell, Burdall & Ward Bolt & Nut Co.
Standard Pressed Steel Co.
Standard Screw Co.
Standard Shop Equipment Co.
Thread-All Sales Co.
Tietzmann Tool Corp.
Torrington Co., The
Townsend Co.
Tubular Rivet & Stud Co.
Westfield Metal Products Co., Inc.
Wood & Spencer Co., The

NYLON BEARINGS (see Bearings, Nylon)

OILERS—12-116

Alemite Div., Stewart Warner Corp.
Aro Equipment Corp., The
Balerank, Inc.
Bjur Lubricating Corp.
Bowen Products Corp.
Farval Corp., The
Gits Bros. Mfg. Co.
Hanna Engineering Works
Ingersoll-Rand Co.
Kano Laboratories
Madison-Kipp Corp.
Manzel, Inc.
Oil-Rite Corp.
Superior Pneumatic & Mfg., Inc.

OILERS, STOCK—22-110

Aaron Machinery Co., Inc.
Automatic Feed Co.
Brandes Press Co., The
Durant Tool Co.
Fidelity Machine Tool, Inc.
Littell Machine Co., F. J.
Montgomery & Co., Inc.
Oil-Rite Corp.
Rowe Machinery & Mfg. Co.
Sesco, Inc.
Speedex Precision Products
U. S. Tool Co., Inc.
United Machinery Sales Co.

OILS, QUENCHING—04-160

Aldridge Industrial Oils, Inc.
Anderson Oil & Chemical Co., Inc.
Atlantic Refining Co., The
Cliff Sales Co.
Cook's Sons, Inc., Adam
Esso Standard Oil Co.
Flake Brothers Refining Co.
Gulf Oil Corp.
H & B Petroleum Co.

Houghton & Co., E. F.
International Chemical Co., Inc.
Ipsen Industries, Inc.
Kerns Co., L. R.
Keystone Lubricating Co.
Macco Products Co., The
Metal Lubricants Co.
Miller Corp., Harry
National Refining Co., Div. Ashland Oil
& Refining Co.
Park Chemical Co.
Sanson & Sons, Inc., Henry E.
Shell Oil Co.
Sinclair Refining Co.
Socony Mobil Oil Co.
Standard Oil Co. of California, Western
Operations, Inc.
Standard Oil Co. (Indiana)
Stuart Oil Co., Ltd., D. A.
Sun Oil Co.
Texas Co., The
Valvoline Oil Co.

OPTICAL COMPARATORS (see Comparators, Optical)

OPTICAL COMPARATOR CHARTS (see Charts, Optical Comparator)

OPTICAL FLATS—63-083

Acme Industrial Co.
Acme Scientific Co.
Crane Packing Co.
DoAll Co., The
Engis Equipment Co.
Gaertner Scientific Corp., The
Opto Metric Tools, Inc.
Scherr Co., Inc., George
Simpson Optical Mfg. Co.
Spitfire Tool & Machine Co.
Van Keuren Co.
Webber Gage Co.
Wollensak Optical Co.
Zeiss, Inc., Carl

OPTICAL PROJECTORS (see Projectors, Optical)

OUTBOARD BEARING SUPPORTS, MILLING MACHINE—12-136

Briney Mfg. Co.
Donley Products, Inc.
Sonnet Tool & Mfg. Co.

OVENS, ANNEALING—41-063

Ajax Electric Co.
American Gas Furnace Co.
Bellevue Industrial Furnace Co.
Blue M Electric Co.
Cooley Electric Mfg. Corp.
Dow Furnace Co., The
Electric Hotpack Co., Inc.
Erb & Gray Scientific, Inc.
General Electric Co.
Grieve-Hendry Co., Inc.
Hevi-Duty Electric Co.
High Vacuum Equipment Corp.
Holcroft & Co.
Hones, Inc., Charles A.
Huppert Co., K. H.
Ipsen Industries, Inc.
Johnston Mfg. Co.
L & L Mfg. Co.
Lucifer Furnaces, Inc.
Mahon Co., R. C., The
Mahr Mfg. Co.
Metalwash Machinery Corp.
Perry Equipment Co.
Selas Corp. of America
Stark Tool Co.
Sunbeam Equipment Corp.
Surface Combustion Corp.
Testing Machines, Inc.
Wall Colmonoy Corp.
Youngberg Bros.

OVENS, BRAZING (see Brazing Ovens)

OVENS, DRYING—45-071

Alvey-Ferguson Co., The
Fostoria Pressed Steel Corp.
Grieve-Hendry Co., Inc.
Kirk & Blum Mfg. Co., The

OVENS, SPECIAL ATMOSPHERE—41-061

American Gas Furnace Co.

Bellevue Industrial Furnace Co.
Dow Furnace Co., The
Eisler Engineering Co., Inc.
Electric Hotpack Co., Inc.
General Electric Co.
Grieve-Hendry Co., Inc.
Hevi-Duty Electric Co.
High Vacuum Equipment Corp.
Holcroft & Co.
Hones, Inc., Charles A.
Huppert Co., K. H.
Ipsen Industries, Inc.
Kahle Engineering Co.
L & L Mfg. Co.
Mahon Co., R. C., The
Mahr Mfg. Co.
Perry Equipment Co.
Selas Corp. of America
Sunbeam Equipment Corp.
Surface Combustion Corp.
Wall Colmonoy Corp.

OVENS, VACUUM—41-062

American Gas Furnace Co.
Bellevue Industrial Furnace Co.
Electric Hotpack Co., Inc.
Erb & Gray Scientific, Inc.
General Electric Co.
Hevi-Duty Electric Co.
High Vacuum Equipment Corp.
Ipsen Industries, Inc.
Huppert Co., K. H.
Kahle Engineering Co.
Stokes Corp., P. J.
Sunbeam Equipment Corp.
Wall Colmonoy Corp.

OVER-LOAD PROTECTORS, MACHINE—81-035

Futurmill, Inc.

PACKINGS & SEALS—82-093

Adel Precision Products, Div., of General Metals Corp.
American Felt Co.
American Sealants Co.
Armstrong Cork Co.
Chemical Development Corp.
Chicago Rawhide Mfg. Co.
Crafts Co., Inc., Arthur A.
Crane Packing Co.
Donley Products, Inc.
Garlock Packing Co., The
Gits Bros. Mfg. Co.
Houghton & Co., E. F.
Martin Engineering Co.
Miller Fluid Power Div.
Newage Industries, Inc.
Nuipa Mfg. Co., Div. of New Plastic Corp.
Nylite Corp. of America
Precision Rubber Products Corp.
Raybestos-Manhattan, Inc.
Rhoads & Sons, J. E.
Tru-Seal Div., Flick-Reedy Corp.
United States Gasket Co., Plastics Div. of Garlock Packing Co.
United States Rubber Co.

PAINTING BOOTH EQUIPMENT, SPRAY—45-011

Conforming Matrix Corp.
DeVilbiss Co., The
Eclipse Air Brush Co.
Mahon Co., R. C., The
Metalwash Machinery Corp.
Myr Sheet Metal Ind., Inc., Arthur B.
Pantex Mfg. Corp.

PAINTING EQUIPMENT, DIP—45-020

Alemite Div., Stewart Warner Corp.
Barrett Co., Leon J., The
Blakeslee & Co., G. S.
Conforming Matrix Corp.
DeVilbiss Co., The
Finish Engineering Co., Inc.
Fuller Brush Co., The
Mahon Co., R. C., The
Metalwash Machinery Corp.
Polymer Corp., The
Schmig Industries
Scientific Electric, Inc.

PAINTS—04-120

Cabot, Inc., Samuel
Crown Industrial Products Co.
du Pont de Nemours & Co., Inc., E. I.

PAINTS—04-120 (cont.)

Furane Plastics, Inc.
Lake Chemical Co.
Magnus Chemical Co., Inc.
Marblette Corp., The
Markal Co.
Okun Co., Inc., A. L.
Polymer Corp., The
Sinclair Refining Co.
Templ Corp.
Wilbur & Williams Co., Inc.

PAINTS, TEMPERATURE INDICATING—04-121

Curtiss-Wright Corp.
Lake Chemical Co.
Templ Corp.

PANTOGRAPH ATTACHMENTS, MILLING—12-132

Aaron Machinery Co., Inc.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cincinnati Milling Machine Co.
Erinac Equipment Corp.
Fidelity Machine Tool, Inc.
Graham Machine Tool Co.
Hew Hermes Engraving Machine Corp.
Johnson & Bassett, Inc.
Preis Engraving Machine Co., H. P.
Russell, Holbrook & Henderson, Inc.

PARALLELS, TOOLROOM—63-094

AA Gage Co.
Accurite Surface Plate Co.
Acme Tool Corp.
American Cutter & Engineering Corp.
Anton Machine Works
Auburn Machine Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bultool Co.
Busch Co., J. C.
Chicago Tool & Engineering Co.
Collins Microflat Co.
Davis Boring Tool Div.
Elkro Co., The
Giddings & Lewis Machine Tool Co.
Hanchett Magna-Lock Corp.
Illinois Metal Products
Lufkin Rule Co.
Magic City Mach. & Tool Co.
Neise, Karl A.
Rahn Granite Surface Plate Co.
Reid Tool Supply Co.
Snow Mfg. Co.
Starrett Co., L. S., The
Taft-Pelree Mfg. Co., The
Tatra Tool Co.
Union Mfg. Co.

PHOSPHATE COATING COMPOUNDS (see Compounds, Phosphate Coating)

PHOSPHATE COATING EQUIPMENT—43-020

Alvey-Ferguson Co., The
Blakeslee & Co., G. S.
Circo Equipment Co.
Detrex Chemical Industries, Inc.
DeVilbiss Co., The
Industrial Washing Machine Corp.
Loeffel Co., Inc., Arthur, The
Mahon Co., R. C., The
Metalwash Machinery Corp.
Parker Rust Proof Co.
Schmig Industries

PHOTOGRAPHIC EQUIPMENT—93-000

Eastman Kodak Co.
Halo-Krom Screw Corp., The
Nikon, Inc.
Wollensak Optical Co.
Zeiss, Inc., Carl

PINS, DOWEL—91-032

A & C Engineering Co.
Acme-Danneman Co., Inc.
Acme Industrial Co.
Allen Mfg. Co.
Bristol Co., The
Bultool Co.
Carr Lane Mfg. Co.
Cleveland Cap Screw Co., The
The Danly Machine Specialties, Inc.
DoAll Co., The

Elastic Stop Nut Corp. of America
Kindt-Collins Co.
Marshall Steel Co.
Peaslee Metal Products, Inc.
Plc Design Corp.
Producto Machine Co., The
R and L Tools
Richard Brothers Punch Div.
Schultz & Anderson Co.
Standard Horse Nail Corp.
Standard Pressed Steel Co.
Standard Screw Co.
Superior Steel Products Corp.
Torrington Co., The

PINS, GUIDE (see Guide Pins)

PINS, SPECIAL SHAPE—91-033

Acme Industrial Co.
Bagshaw Co., W. H.
Campbell Contour Attachment Co., Inc.
Carr Lane Mfg. Co.
Dayton Perforators, Inc.
DeKalb Precision Industries
De Van - Johnson Co.
Groov-Pin Corp.
Hi-Shear Rivet Tool Co.
Hunter Spring Co.
Jergens Tool Specialty Co.
Madison Tool & Supply Co.
Main & Sons, Inc., Robert A.
Morton Machine Works
Peaslee Metal Products, Inc.
Portage Tool Co., The
Ring Punch & Die, Inc.
Size Control Co.
Speedex Precision Products
Standard Die Set Co.
Standard Horse Nail Corp.
Torrington Co., The

PINS, TAPER—91-031

Acorn Iron & Supply Co.
Danly Machine Specialties, Inc.
Main & Sons, Inc., Robert A.
Mesta Machine Co.
Morse Twist Drill & Machine Co.
Peaslee Metal Products, Inc.
Plc Design Corp.
R and L Tools
Ring Punch & Die, Inc.
Size Control Co.
Standard Horse Nail Corp.
Standard Screw Co.
Superior Steel Products Corp.
Torrington Co., The

PIPE THREADING MACHINES (see Threading Machines, Pipe)

PLANIMETERS & INTEGRATORS—92-030

Dietzen Co., Eugene
Hirschmann Co., Inc., Carl
Pacific Transducer Corp.
Sanders Laboratories
Warren-Knight Co.

PLANING MACHINES, BREAST—11-154

Carney-Stansfield Co.

PLANING MACHINES, DOUBLE HOUSING—11-151

Aaron Machinery Co., Inc.
American Waldrich Mfg. Corp.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co., Ltd.
Carney-Stansfield Co.
Giddings & Lewis Machine Tool Co.
Gray Co., G. A., The
Hermes Machine Tool Co., Inc.
Mesta Machine Co.
Rockford Machine Tool Co.
Seewald, Inc.
Sigma Machinery, Inc.
Swift Ohio Corp.
Young Machine Tool

PLANING MACHINES, OPEN SIDE—11-152

Aaron Machinery Co., Inc.
American Waldrich Mfg. Corp.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Carney-Stansfield Co.
Cleveland Planer, The
Cosa Corp.

Delta Power Tool Div., Rockwell Mfg. Co.
Fidelity Machine Tool, Inc.
Giddings & Lewis Machine Tool Co.
Gray Co., G. A., The
Hermes Tool Co., Inc.
Klingelhoefer Machine Tool Corp., Albert
Mesta Machine Co.
Rockford Machine Tool Co.
Seewald, Inc.
Sigma Machinery, Inc.
Young Machine Tool

PLANING MACHINES, PIT—11-155

Barer Engineering & Machinery Co., Ltd.
Mesta Machine Co.
Young Machine Tool

PLANING MACHINES, PLATE—11-153

Aaron Machinery Co., Inc.
Baldwin-Lima-Hamilton Corp., Eddystone Div.
Barer Engineering & Machinery Co., Ltd.
Mesta Machine Co.
Rockford Machine Tool Co.
Seewald, Inc.
Young Machine Tool

PLANING MACHINES, POST—11-156

Epsen-Lucas Machine Works
Mesta Machine Co.

PLANING MACHINES, ROTARY—11-157

Cleveland Punch & Shear Works Co., The
Epsen-Lucas Machine Works
Morrison Eng. Co.

PLASTIC COATINGS (see Coatings, Plastic)

PLASTIC METALS—04-130

Belmont Smelting & Refining Works, Inc.
Chemical Development Corp.
Furane Plastics, Inc.
Okun Co., Inc., A. L.
Rezolin, Inc.
United States Gasket Co., Plastics Div.
of Garlock Packing Co.
United States Gypsum Co.
United States Rubber Co.

PLASTIC MOLD BASES & ACCESSORIES (see Mold Bases & Accessories, Plastic)

PLASTIC MOLDING MACHINES (see Molding Machines, Plastic)

PLASTICS—03-030

Armstrong Products Co.
Artus Corp., The
Chemical Development Corp.
Ciba Products Corp.
Couse and Bolten Co.
Dow Corning Corp.
du Pont de Nemours & Co., Inc., E. I.
Durez Plastics Div., Hooker Chemical Corp.
Furane Plastics, Inc.
Garlock Packing Co., The
Gisholt Machine Co.
Houghton Laboratories, Inc.
International Abrasive Corp.
Marblette Corp., The
Minnesota Mining & Mfg. Co.
Mojave Granite Co.
Okun Co., Inc., A. L.
Polymer Corp., The
Raybestos-Manhattan, Inc.
Reichhold Chemicals, Inc.
Ren Plastics, Inc.
Resistoflex Corp.
Rezolin, Inc.
Richardson Co., The
Ryerson & Son, Inc., Joseph T.
Shell Chemical Corp.
Smith, F. E.
Spaulding Fibre Co., Inc.
Thiokol Chemical Corp.
Union Carbide Plastics Co., Div. of
Union Carbide Corp.
United States Gasket Co., Plastics Div.
of Garlock Packing Co.
United States Gypsum Co.
United States Rubber Co.
Westinghouse Electric Corp.

PRODUCTS

PLATES, BOLSTER—22-070

Benchmark Mfg. Co.
Bilas Co., E. W.
Clearing Div. of U. S. Industries
Commando Tool Co., Inc.
Dake Corp.
Danly Machine Specialties, Inc.
Decherts Machine Shop, Inc.
Federal Machine & Welder Co., The
Heppenstall Co.
Kaiser Aluminum & Chemical Sales, Inc.
Liberty Tool & Die Corp.
Middletown Machine Co., The
Niagara Machine & Tool Works
Oberg Mfg. Co., Inc.
Payne Tool and Engineering Co., The
Precision Detroit Co., Inc.
Producto Machine Co., The
Sal Metal Products Co.
Staats & Staats, Inc.
Standard Die Set Co.
Superior Steel Products Corp.

PLATING EQUIPMENT, HOT DIP—45-030

Barrett Co., Leon J. The
Bischoff Chemical Corp.
Diamond Expansion Bolt Co., Inc.
General Metals, Inc.
Hoffman Products Co., Inc.
Mesta Machine Co.
Newton Hydraulic Tooling Co.
Seal-Peel, Inc.
Sta-Warm Electric Co.

PLATING EQUIPMENT, VACUUM—45-040

Conforming Matrix Corp.
High Vacuum Equipment Corp.
Stokes Corp., P. J.

PLUGS, PIN—91-142

Lee Co., The

PLUMBS & LEVELS (see Levels & Plumbs)

PNEUMATIC DEVICES, SPECIAL—82-100

Accord Tool & Machine, Inc.
Adams Equipment
Agnew Machine Co.
Airmatic Valve, Inc.
Air-Mite Devices, Inc.
Alkon Products Corp.
Allenair Corp.
Aro Equipment Corp., The
Bellows Co., The
Buckeye Tools Corp.
Burklyn Co.
Cadillac Stamp Co.
Carter Controls, Inc.
Century Hydraulics
Cimo Engineering Co.
Cleveland Pneumatic Industries, Inc.
Clippard Instrument Lab., Inc.
Conray Electro-Mechanical Corp.
Defiance Machine & Tool Co.
Electro-Mechano Co., The
Federal Machine & Welder Co., The
Gilman, Inc., Russell T.
Hanna Engineering Works
Hause Machine, Inc.
Holtzer - Cabot Div.
Humphrey Products Div.
Hydraulic Electronic Pneumatic Mfg. Co.
Ingersoll-Rand Co.
Logansport Machine Co., Inc.
Mead Specialties Co., Inc.
Merz Engineering, Inc.
Mico Instrument Co.
Modern Industrial Engineering Co.
Precision Detroit Co., Inc.
Production Devices, Inc.
Quackenbush Co., A. B.
Rotor Tool Co., The
S-P Mfg. Corp., The
Sahlin Engineering Co., Inc.
Schrader's Son, A.
Sheffer Corp., The
Standard-Modern Tool Co., Ltd.
Studebaker Hydraulic Products Co.
Thor Power Tool Co.
Westinghouse Air Brake Co., Industrial Products Div.
Wilton Tool Mfg. Co., Inc.

POLISHERS, PORTABLE ELECTRIC—73-090

Acme Industrial Co.
Albertson & Co., Inc.
Buckeye Tools Corp.

Chicago Pneumatic Tool Co.
Engle Equipment Co.
Foredom Electric Co., Inc.
Haskins Co., R. G.
Ingersoll-Rand Co.
Jones Motrola Corp.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Nedco Co., The
Remington Arms Co., Inc.
Rotor Tool Co., The
Skill Corp.
Snap-on Tools Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.

POLISHERS, PORTABLE PNEUMATIC—71-110

Airetool Mfg. Co., The
Albertson & Co., Inc.
Aro Equipment Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Div.
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Pneumatic Tool Co., Inc.
Remington Arms Co., Inc.
Rotor Tool Co., The
Starlite Industries, Inc.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.

POLISHING & BUFFING MACHINES, ABRASIVE BELT—11-163

AAA Mfg. Co., Inc.
Aaron Machinery Co., Inc.
Acme Mfg. Co.
Boice-Crane Co.
Buckeye Tools Corp.
Carborundum Co., The
Craftools, Inc.
Curtis Machine Div., The Carborundum Co.
Divine Brothers Co.
Farnham Div., The Wiesner-Rapp Co., Inc.
Grinding & Polishing Machinery Corp.
Hammond Machinery Builders, Inc.
Hanson-Van Winkle-Munning Co.
Hartford Special Machinery Co.
Hill Acme Co., The
Industrial Metal Products Corp.
Mattison Machine Works
Merit Products, Inc.
Monarch Machine Shop, Inc.
Murray-Way Corp.
Oliver Machinery Co.
Packer Machine Co., The
Production Machine Co.
Rotor Tool Co., The
Ryman Engineering Co.
Schaffner Mfg. Co., Inc.
Timesavers, Inc.
Ty-Sa-Man Machine Co.
Walker-Turner Div.
Walls Sales Corp.

POLISHING & BUFFING MACHINES, BENCH—11-161

AAA Mfg. Co., Inc.
Aaron Machinery Co., Inc.
Acme Mfg. Co.
Baldor Electric Co.
Carborundum Co., The
Cincinnati Electrical Tool Co., The
Craftools, Inc.
Divine Brothers Co.
Foredom Electric Co., Inc.
Hammond Machinery Builders, Inc.
Hanson-Van Winkle-Munning Co.
Hisey-Wolf Machine Co., The
Kramer Co., Inc., H. W.
Masters Precision Tools Co.
Metal Parts Sales Co.
Mico Instrument Co.
Mooradian Mfg. Co.
Munning & Munning, Inc.
Queen City Machine Tool Co.
Ryman Engineering Co.
Schaffner Mfg. Co., Inc.
Schauer Mfg. Corp.
Seewald, Inc.
Standard Electrical Tool Co., The
Stevens, Inc., Frederic B.
Thor Power Tool Co.
U. S. Electrical Tool Co.
Walker-Turner Div.
Woods Machine Co., S. A.

POLISHING & BUFFING MACHINES, FLOOR—11-162

AAA Mfg. Co., Inc.
Aaron Machinery Co., Inc.
Acme Mfg. Co.
Baldor Electric Co.
Carborundum Co., The
Cincinnati Electrical Tool Co., The
Clair Mfg. Co., Inc.
Columbia International Corp.
Craftools, Inc.
Devine Brothers Co.
Fuller Brush Co., The
Grinding & Polishing Machinery Corp.
Hammond Machinery Builders, Inc.
Hanson-Van Winkle-Munning Co.
Hisey-Wolf Machine Co., The
Kramer Co., Inc., H. W.
Lea-Michigan, Inc.
Leiman Bros., Inc.
Metal Parts Sales Co.
Munning & Munning, Inc.
Murray-Way Corp.
Nicholas Equipment Co.
Osborn Mfg. Co., The
Porter-McLeod Machine Tool Co., Inc.
Production Machine Co.
Queen City Machine Tool Co.
Remington Arms Co., Inc.
Ryman Engineering Co.
Schaffner Mfg. Co., Inc.
Schauer Mfg. Corp.
Seewald, Inc.
Standard Electrical Tool Co., The
Timesavers, Inc.
U. S. Electrical Tool Co.
Walker-Turner Div.
Woods Machine Co., S. A.
Wysenbeek & Staff, Inc.

POLISHING & BUFFING MACHINES, LATHE TYPE—11-166

Aaron Machinery Co., Inc.
Acme Mfg. Co.
Black & Decker Mfg. Co., The
Cincinnati Electrical Tool Co., The
Craftools, Inc.
Devine Brothers Co.
Hanson-Van Winkle-Munning Co.
Hardinge Brothers, Inc.
Hisey-Wolf Machine Co., The
Metal Parts Sales Co.
Osborn Mfg. Co., The
Ryman Engineering Co.
Schaffner Mfg. Co., Inc.
Schauer Mfg. Corp.
Standard Electrical Tool Co., The
Starlite Industries, Inc.
Stevens, Inc., Frederic B.
U. S. Electrical Tool Co.
Woods Machine Co., S. A.

POLISHING & BUFFING MACHINES, MULTIPLE HEAD—11-165

AAA Mfg. Co., Inc.
Acme Mfg. Co.
Craftools, Inc.
Curtis Machine Div., The Carborundum Co.
Devine Brothers Co.
Grinding & Polishing Machinery Corp.
Hammond Machinery Builders, Inc.
Hanson-Van Winkle-Munning Co.
Hill Acme Co., The
Murray-Way Corp.
Osborn Mfg. Co., The
Packer Machine Co., The
Production Machine Co.
Ryman Engineering Co.
Schaffner Mfg. Co., Inc.
Seewald, Inc.

POLISHING & BUFFING MACHINES, SWING FRAME—11-164

AAA Mfg. Co., Inc.
Acme Mfg. Co.
Curtis Machine Div., The Carborundum Co.
Devine Brothers Co.
Grinding & Polishing Machinery Corp.
Ryman Engineering Co.
Schaffner Mfg. Co., Inc.
U. S. Electrical Tool Co.

PORTABLE TOOLS

(see Drills, Nut Runners, Grinders, Etc.)

POTS, & RETORTS, HEAT-TREAT—41-071

Electro-Alloys Div.

POWDER METALS—04-190

Amplex Div.
Kuznick Co., Paul L., The
Mallory & Co., P. R.
Metals Disintegrating Co., Inc.
Vanadium-Alloys Steel Co.

PRECIOUS METALS—02-100

American Smelting & Refining Co.
Handy & Harman
Mallory & Co., Inc., P. R.
Thomson Mfg. Co., Judson L.
United Mineral & Chemical Corp.

**PRESERVATIVE COATING
EQUIPMENT—45-060**

Alvey-Ferguson Co., The
Anderson Oil & Chemical Co., Inc.
Blaschoff Chemical Corp.
Cabot, Inc., Samuel
Chemical Development Corp.
DeVilbiss Co., The
Fidelity Chemical Products Corp.
Gulf Oil Corp.
Houghton & Co., E. F.
Murray-Way Corp.
Polymer Corp., The
Seal-Feel, Inc.
Sinclair Refining Co.
Sta-Warm Electric Co.
Wall Colmonoy Corp.
Wean Equipment Corp.
Webber Gage Co.
Western Coating Co.

**PRESERVATIVES
(see Solutions, Protective Coating)**

PRESSES, BENDING, HYDRAULIC—21-026
Pines Engineering Co., Inc.

PRESSES, C-FRAME, HYDRAULIC—21-023

Aaron Machinery Co., Inc.
Acme Broach Corp.
Air Hydraulics, Inc.
Barnes Corp., John S.
Beatty Machine & Mfg. Co.
Birdsboro Steel Foundry & Machine Co.
Bliss Co., E. W.
Carney-Stansfield Co.
Century Hydraulics
Cimo Engineering Co.
Clearing Div. of U. S. Industries
Cleveland Pneumatic Industries, Inc.
Clifton Hydraulic Press Co.
Colonial Broach & Machine Co.
Dake Corp.
Danly Machine Specialties, Inc.
Denison Engineering Div., American
Brake Shoe Co.
Detroit Broach & Machine Co.
Elmes Engineering Div., American
Steel Foundries
Erie Foundry Co.
Expert Welding Machine Co.
Ferry Machine Co.
Fox Engineering Co.
Girard Associates
Gray Equipment Co.
Greenerd Arbor Press Co.
Hannifin Co.
Hufford Corp., The
Hydraulic Press Mfg. Co., The
Lake Erie Machinery Corp.
Lempco Industrial, Inc.
Logan Engineering Co.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Manzel, Inc.
Northern Hydraulics & Machine Corp.
Oliver Corp., The, A. B. Farquhar Div.
Pacific Industrial Mfg. Co.
Precision Detroit Co., Inc.
Punch Products Corp.
Rodgers Hydraulic, Inc.
Ryerson & Son, Inc., Joseph T.
Studebaker Hydraulic Products Co.
Verson AllSteel Press Co.
Watson-Stillman Press Div., Farrel-
Birmingham Co., Inc.
Whitney Mfg. Co., W. A.
Wilson, Inc., K. R.
Wood Co., R. D.

PRESSES, C-FRAME, PNEUMATIC—21-033

Aaron Machinery Co., Inc.
Air Hydraulics, Inc.

Air-Mite Devices, Inc.
Benchmark Mfg. Co.
Bliss Co., E. W.
Century Hydraulics
Chicago Pneumatic Tool Co.
Cimo Engineering Co.
Cleveland Pneumatic Industries, Inc.
Famco Machine Co.
Gray Equipment Co.
Hannifin Co.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Mead Specialties Co., Inc.
Precision Detroit Co., Inc.
Studebaker Hydraulic Products Co.
Van Products Co.
Wilson, Inc., K. R.

PRESSES, DIEING MACHINES—21-017

Aaron Machinery Co., Inc.
Alpha Press & Machine, Inc.
Brandes Press Co., The
Diamond Machine Tool Corp.
Ferguson Machine Corp. of Indiana
Hydraulic Press Mfg. Co., The
Kenco Mfg. Co.
Loeffel Co., Inc., Arthur, The
Precision Welder & Flexopress Corp.
Wean Equipment Corp.

PRESSES, EXTRUSION—21-130

Aaron Machinery Co., Inc.
Birdsboro Steel Foundry & Machine Co.
Bliss Co., E. W.
Clearing Div. of U. S. Industries
Decherts Machine Shop, Inc.
Elmes Engineering Div., American
Steel Foundries
Erie Foundry Co.
Extrusions, Inc.
Girard Associates
Hill, Inc., Walter P.
Industrial City Boring Co.
Lake Erie Machinery Corp.
Loeffel Co., Inc., Arthur, The
Loewy - Hydopress Div.
National Machinery Co., The
Oliver Corp., The, A. B. Farquhar Div.
Seewald, Inc.
Sutton Engineering Co.
United Machinery Sales Co.
Verson AllSteel Press Co.
Watson-Stillman Press Div.,
Farrel-Birmingham Co., Inc.

PRESSES, FOOT OR KICK—21-044

Aaron Machinery Co., Inc.
Emhart Mfg. Co.
Famco Machine Co.
General Mfg. Co.
High Speed Hammer Co., Inc., The
Lewthwaite Machine Co., Inc., T. H.
Producto Machine Co., The
Roversford Foundry & Machine
Co., Inc.
Ward Machinery Co., Inc.
Waterbury Farrel Foundry & Machine
Co., Div. of Tectron, Inc.
Whitney Mfg. Co., W. A.
Whitney Metal Tool Co.

PRESSES, FORGING, HYDRAULIC—21-027
Loewy-Hydopress Div.

**PRESSES, FOUR-SLIDE,
MECHANICAL—21-016**

Aaron Machinery Co., Inc.
Baird Machine Co., The
Bliss Co., E. W.
Girard Associates
Jackson Machine & Press Corp.
Kenco Mfg. Co.
Loeffel Co., Inc., Arthur, The
Nilson Machine Co., A. H., The
Torrington Mfg. Co., The
U. S. Tool Co., Inc.
Verson AllSteel Press Co.

**PRESSES, GAP FRAME,
MECHANICAL—21-013**

Aaron Machinery Co., Inc.
Alva Allen Industries
Baird Machine Co., The
Benchmark Mfg. Co.
Bliss Co., E. W.
Clearing Div. of U. S. Industries

Cleveland Crane & Engineering Co., The
Cleveland Punch & Shear Works Co., The
Danly Machine Specialties, Inc.
Decherts Machine Shop, Inc.
Diamond Machine Tool Corp.
Drels & Krump Mfg. Co.
Emhart Mfg. Co.
Excelsior Tool & Machine Co.
Federal Machine & Welder Co., The
Federal Press Co.
Ferracute Machine Co.
Fidelity Machine Tool, Inc.
Jackson Machine & Press Corp.
Kenco Mfg. Co.
Kux Machine Co.
L & J Press Corp.
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B. Farquhar Div.
Perkins Machine Co.
Service Machine Co.
Thunder Bay Mfg. Corp.
Verson AllSteel Press Co.
Ward Machinery Co., Inc.

PRESSES, HORNING, MECHANICAL—21-015

Aaron Machinery Co., Inc.
Bliss Co., E. W.
Clearing Div. of U. S. Industries
Cleveland Crane & Engineering Co., The
Cleveland Punch & Shear Works Co., The
Danly Machine Specialties, Inc.
Decherts Machine Shop, Inc.
Diamond Machine Tool Corp.
Emhart Mfg. Co.
Federal Machine & Welder Co., The
Ferracute Machine Co.
Fidelity Machine Tool, Inc.
Jackson Machine & Press Corp.
Kenco Mfg. Co.
Minster Machine Co., The
Niagara Machine & Tool Works
Perkins Machine Co.
Service Machine Co.
Verson AllSteel Press Co.
Walsh Press & Die Co.
Ward Machinery Co., Inc.

**PRESSES, HOUSING TYPE,
PNEUMATIC—21-031**

Aaron Machinery Co., Inc.
Bliss Co., E. W.
Century Hydraulics
Hannifin Co.
Logansport Machine Co., Inc.

**PRESSES, HORIZONTAL,
HYDRAULIC—21-024**

Aaron Machinery Co., Inc.
Acme Broach Corp.
B & T Machinery Co.
Barer Engineering & Machinery Co., Ltd.
Barnes Corp., John S.
Beatty Machine & Mfg. Co.
Berthelsen Engrg. Works, Inc.
Birdsboro Steel Foundry & Machine Co.
Bliss Co., E. W.
Century Hydraulics
Chambersburg Engineering Co.
Cimo Engineering Co.
Clearing Div. of U. S. Industries
Clifton Hydraulic Press Co.
Colonial Broach & Machine Co.
Dake Corp.
Denison Engineering Div., American
Brake Shoe Co.
Detroit Broach & Machine Co.
Elmes Engineering Div., American
Steel Foundries
Erb & Gray Scientific, Inc.
Erie Foundry Co.
Fox Engineering Co.
Girard Associates
Hannifin Co.
Hill, Inc., Walter P.
Hydraulic Press Mfg. Co., The
Lake Erie Machinery Corp.
Lempco Industrial, Inc.
Logan Engineering Co.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Oliver Corp., The, A. B. Farquhar Div.
Pacific Industrial Mfg. Co.
Palley Supply Co.
Precision Detroit Co., Inc.
Rodgers Hydraulic, Inc.
Verson AllSteel Press Co.
Watson-Stillman Press Div.,
Farrel-Birmingham Co., Inc.

PRODUCTS

PRESSES, HORIZONTAL HYDRAULIC—21-024 (cont.)

Wilson, Inc., K. R.
Wohlin Products, Inc.
Wood Co., R. D.

PRESSES, HYDRAULIC, MANUAL—21-042

Aaron Machinery Co., Inc.
Berthelsen Engrg. Works, Inc.
Birdsboro Steel Foundry & Machine Co.
Blackhawk Mfg. Co.
Century Hydraulics
Dake Corp.
Elmes Engineering Div.
General Mfg. Co.
Hydraulic Press Mfg. Co., The
Lempco Industrial, Inc.
Link Engineering Co.
M & N Modern Hydraulic Press Co., Inc.
Oliver Corp., The, A. B. Farquhar Div.
Punch Products Corp.
Richards Co., J. A.
Rodgers Hydraulic, Inc.
Sundstrand Machine Tool Co.
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.
Wilson, Inc., K. R.

PRESSES, METAL POWDER FORMING—35-010

Haller, Inc.
Kux Machine Co.
Stokes Corp., F. J.

PRESSES, O.B.I., MECHANICAL—21-014

Aaron Machinery Co., Inc.
Alva Allen Industries
Benchmark Mfg. Co.
Blas Co., E. W.
Clearing Div. of U. S. Industries
Cleveland Punch & Shear Works Co., The
Daily Machine Specialties, Inc.
Decherts Machine Shop, Inc.
Diamond Machine Tool Corp.
Emhart Mfg. Co.
Farnes Machine Co.
Federal Machine & Welder Co., The
Federal Press Co.
Ferracute Machine Co.
Fidelity Machine Tool, Inc.
Hermes Machine Tool Co., Inc.
Jackson Machine & Press Corp.
Kenco Mfg. Co.
L & J Press Corp.
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B. Farquhar Div.
Perkins Machine Co.
Precision Welder & Flexopress Corp.
Roversford Foundry & Machine Co., Inc.
Sales Service Machine Tool Co.
Service Machine Co.
Technix Co.
Thomas Machine Mfg. Co.
Verson AllSteel Press Co.
Walsh Press & Die Co.
Ward Machinery Co., Inc.
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.
Wean Equipment Corp.
Whitney Metal Tool Co.

PRESSES, OPEN ROD, HYDRAULIC—21-022

Aaron Machinery Co., Inc.
B & T Machinery Co.
Barer Engineering & Machinery Co., Ltd.
Barnes Corp., John S.
Beatty Machine & Mfg. Co.
Berthelsen Engrg. Works, Inc.
Birdsboro Steel Foundry & Machine Co.
Blas Co., E. W.
Buffalo Metal Container Corp.
Century Hydraulics
Cimo Engineering Co.
Clearing Div. of U. S. Industries
Clifton Hydraulic Press Co.
Colonial Broach & Machine Co.
Dake Corp.
Danly Machine Specialties, Inc.
Denison Engineering Div., American
Brake Shoe Co.
Detroit Broach & Machine Co.
Elmes Engineering Div., American
Steel Foundries
Erie Foundry Co.
Erinac Equipment Corp.
Expert Welding Machine Co.
Extrusions, Inc.
Ferry Machine Co.
Fox Engineering Co.
Girard Associates
Greenerd Arbor Press Co.
Hannifin Co.
Hill, Inc., Walter P.
Hufford Corp., The
Hydraulic Press Mfg. Co., The

Hill, Inc., Walter P.
Hydraulic Press Mfg. Co., The
Lake Erie Machinery Corp.
Lempco Industrial, Inc.
Link Engineering Co.
Logan Engineering Co.
M & N Modern Hydraulic Press Co., Inc.
Meta-Dynamics Div., Cincinnati Milling
& Grinding Machines, Inc.
Northern Hydraulics & Machine Corp.
Oliver Corp., The, A. B. Farquhar Div.
Rodgers Hydraulic, Inc.
Verson AllSteel Press Co.
Watson-Stillman Press Div.,
Farrel-Birmingham Co., Inc.
Wilson, Inc., K. R.
Wood Co., R. D.

PRESSES, OPEN ROD, PNEUMATIC—21-032

Aaron Machinery Co., Inc.
Blas Co., E. W.
Century Hydraulics
Hannifin Co.
Logansport Machine Co., Inc.
Van Products Co.

PRESSES, QUENCHING, PNEUMATIC—21-034

Aaron Machinery Co., Inc.
Century Hydraulics
Gleason Works, The

PRESSES, RACK & PINION, MANUAL—21-041

Dake Corp.
Fanco Machine Co.
Greenerd Arbor Press Co.
Queens Tool Mfg. Co., Inc.
Roversford Foundry & Machine Co., Inc.
Springfield Machine Tool Co., The
Vogel Tool & Die Corp.
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.
Wilson, Inc., K. R.

PRESSES, SCREW, MANUAL—21-043

Aaron Machinery Co., Inc.
Dake Corp.
Decherts Machine Shop, Inc.
Genera Mfg. Co.
Jarecki Corp.

PRESSES, SPECIAL PURPOSE, HYDRAULIC—21-025

Aaron Machinery Co., Inc.
Acme Broach Corp.
Agnew Machine Co.
Arrowsmith Tool & Die Corp.
B & T Machinery Co.
Barnes Corp., John S.
Beatty Machine & Mfg. Co.
Berkroy Products Co.
Berthelsen Engrg. Works, Inc.
Birdsboro Steel Foundry & Machine Co.
Blackhawk Mfg. Co.
Blas Co., E. W.
Buffalo Metal Container Corp.
Cadillac Stamp Co.
Carney-Stansfield Co.
Century Hydraulics
Chambersburg Engineering Co.
Cimo Engineering Co.
Cincinnati Milling Machine Co.
Clair Mfg. Co., Inc.
Clearing Div. of U. S. Industries
Cleveland Crane & Engineering Co., The
Clifton Hydraulic Press Co.
Colonial Broach & Machine Co.
Dake Corp.
Danly Machine Specialties, Inc.
Denison Engineering Div., American
Brake Shoe Co.
Detroit Broach & Machine Co.
Elmes Engineering Div., American
Steel Foundries
Erie Foundry Co.
Erinac Equipment Corp.
Expert Welding Machine Co.
Extrusions, Inc.
Ferry Machine Co.
Fox Engineering Co.
Girard Associates
Greenerd Arbor Press Co.
Hannifin Co.
Hill, Inc., Walter P.
Hufford Corp., The
Hydraulic Press Mfg. Co., The

Inter-Lakes Engineering Co.
Joyce-Gridland Co.
Lake Erie Machinery Corp.
Lempco Industrial, Inc.
Link Engineering Co.
Lodge & Shipley Co., The
Loewy - Hydopress Div.
Logan Engineering Co.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Manzel, Inc.
Mesta Machine Co.
Meta-Dynamics Div., Cincinnati Milling
& Grinding Machines, Inc.
Northern Hydraulics & Machine Corp.
Oliver Corp., The, A. B. Farquhar Div.
Pacific Industrial Mfg. Co.
Palley Supply Co.
Payne Tool and Engineering Co., The
Precision Detroit Co., Inc.
Punch Products Corp.
Rodgers Hydraulic, Inc.
Ryerson & Son, Inc., Joseph T.
Standard-Modern Tool Co., Ltd.
Steel City Testing Machines, Inc.
Taylor-Winfield Corp.
Testing Machines, Inc.
Thompson Mfg. Co., Earl A.
Trio Tool Co.
United Machinery Sales Co.
Veet Industries
Verson AllSteel Press Co.
Watson-Stillman Press Div.,
Farrel-Birmingham Co., Inc.
Wilson Automation Co.
Wilson, Inc., K. R.
Wood Co., R. D.

PRESSES, SPECIAL PURPOSE, PNEUMATIC—21-035

Agnew Machine Co.
Air-Mite Devices, Inc.
American Lip Corp.
Blas Co., E. W.
Cadillac Stamp Co.
Century Hydraulics
Chambersburg Engineering Co.
Cimo Engineering Co.
Defiance Machine & Tool Co.
Erinac Equipment Corp.
Fanco Machine Co.
Ferry Machine Co.
General Mfg. Co.
Gray Equipment Co.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Noble & Westbrook Mfg. Co., The
Precision Detroit Co., Inc.
Production Devices, Inc.
Schrader's Son, A.
Standard-Modern Tool Co., Ltd.
Whitney Mfg. Co., W. A.

PRESSES, STRAIGHT SIDE, HYDRAULIC—21-021

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Beatty Machine & Mfg. Co.
Berkroy Products Co.
Birdsboro Steel Foundry & Machine Co.
Blas Co., E. W.
Buffalo Metal Container Corp.
Carney-Stansfield Co.
Century Hydraulics
Cimo Engineering Co.
Clair Mfg. Co., Inc.
Clearing Div. of U. S. Industries
Clifton Hydraulic Press Co.
Dake Corp.
Danly Machine Specialties, Inc.
Detroit Broach & Machine Co.
Elmes Engineering Div., American
Steel Foundries
Erie Foundry Co.
Fidelity Machine Tool, Inc.
Girard Associates
Hannifin Co.
Hydraulic Press Mfg. Co., The
Lake Erie Machinery Corp.
Lempco Industrial, Inc.
Logan Engineering Co.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Oliver Corp., The, A. B. Farquhar Div.
Pacific Industrial Mfg. Co.
Punch Products Corp.
Ryerson & Son, Inc., Joseph T.
Sundstrand Machine Tool Co.
Verson AllSteel Press Co.

**PRESSES, STRAIGHT SIDE,
HYDRAULIC—21-021 (cont.)**

Watson-Stilman Press Div.,
Farrel-Birmingham Co., Inc.
Wilson, Inc., K. H.
Wood Co., R. D.

**PRESSES, STRAIGHT SIDE,
MECHANICAL—21-011**

Aaron Machinery Co., Inc.
Alpha Press & Machine, Inc.
Bliss Co., E. W.
Chambersburg Engineering Co.
Clearing Div. of U. S. Industries
Cleveland Crane & Engineering Co., The
Cleveland Punch & Shear Works Co., The
Danly Machine Specialties, Inc.
Decherts Machine Shop, Inc.
Diamond Machine Tool Corp.
Dreis & Krump Mfg. Co.
Emhart Mfg. Co.
Erle Foundry Co.
Federal Machine & Welder Co., The
Ferracute Machine Co.
Fidelity Machine Tool, Inc.
Haller, Inc.
Hermes Machine Tool Co., Inc.
Hirschmann Co., Inc., Carl
Jackson Machine & Press Corp.
Kenco Mfg. Co.
L & J Press Corp.
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B. Farquhar Div.
Perkins Machine Co.
Precision Welder & Flexopress Corp.
Ryerson & Son, Inc., Joseph T.
Sales Service Machine Tool Co.
Service Machine Co.
Taylor-Winfield Corp.
Thunder Bay Mfg. Corp.
Version AllSteel Press Co.
Walsh Press & Die Co.
Ward Machinery Co., Inc.
Waterbury Farrel Foundry & Machine
Co., The, Div. of Textron, Inc.
Wean Equipment Corp.

**PRESSES, TRANSFER,
MECHANICAL—21-019**

Alpha Press & Machine, Inc.
Version AllSteel Press Co.
Waterbury Farrel Fdry. & Mach. Co., The

PRESSES, TURRET PUNCH—21-210

Wiedemann Machine Co.

PRESSURE GAGES—82-095

Acme Industrial Co.
Airmatic Valve, Inc.
Air Reduction Sales Co.
American Instrument Co., Inc.
Barnes Corp., John S.
Bellows Co., The
Bljor Lubricating Corp.
Blackhawk Mfg. Co.
Decker Corp., The
Dockson Corp.
Erb & Gray Scientific, Inc.
General Electric Co.
Girard Associates
Gita Bros. Mfg. Co.
Helicoid Gage Div., American Chain &
Cable Co., Inc.
Marshalltown Mfg. Co.
Martin Engineering Co.
Nielsen, Inc., E. V.
Schrader's Son, A.
Smith Welding Equip. Corp.
Superior Pneumatic & Mfg., Inc.
Testing Machines, Inc.
Thor Power Tool Co.
Valvair Corp.
Wilton Tool Mfg. Co., Inc.

PRESSURE REGULATORS, AIR—82-094

Airmatic Valve, Inc.
Air Products, Inc.
Air Reduction Sales Co.
Allen-Bradley Co.
Arrow Tools, Inc.
Bellows Co., The
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Die-Draulic Grip, Inc.
Dockson Corp.
Furnas Electric Co.
General Controls Co.

Gita Bros. Mfg. Co.
Hanna Engineering Works
Hannifin Co.
Lloyd Tool Corp.
Logansport Machine Co., Inc.
M-B Products, Inc.
Martin Engineering Co.
Master Pneumatic, Inc.
Moore Products Co.
Nielsen, Inc., E. V.
Norgren Co., C. A.
Oil-Dyne, Inc.
Schrader's Son, A.
Smith Welding Equip. Corp.
Thor Power Tool Co.
United Electric Controls Co.
Valvair Corp.
Vickers, Inc.
Watts Regulator Co.
Wilkinson Corp.
Wilton Tool Mfg. Co., Inc.

PRESSURE TESTING MACHINES—64-030

Barnes Corp., John S.
Century Hydraulics
Conray Electro-Mechanical Corp.
Consolidated Electrodynamics Corp.
Girard Associates
Inter-Lakes Engineering Co.
Loma Machine Mfg. Co., Inc.
Modern Industrial Engineering Co.
Nankervis Co., George C.
Steel City Testing Machines, Inc.
Testing Machines, Inc.
Turner Bros., Inc.
Union Mfg. Co.

PROJECTORS, OPTICAL—63-079

Stocker & Yale, Inc.

**PROTRACTORS, UNIVERSAL
BEVEL—74-033**

Brown & Sharpe Mfg. Co., Industrial
Products Div.
Bruning Co., Inc., Charles
Kroona Corp.
Lufkin Rule Co.
Mohawk File & Tool Co.
Starrett Co., L. S., The
Tubular Micrometer Co.
Zeiss, Inc., Carl

PROTECTIVE COATING

(see Solutions, Protective Coating)

PULLY & BELT DRIVES

(see Drives, Pulley & Belt)

PUMPS, COOLANT—12-119

Allis-Chalmers Mfg. Co.
Alsop Engineering Corp.
American Machine Prod., Inc.
Easy Industries
Gelber & Sons, Inc., S.
Graymills Corp.
Ingersoll-Rand Co.
Snow Mfg. Co.
Viking Pump Co.

PUMPS, HYDRAULIC

(see Hydraulic Pumps)

PUMPS, LUBRICANT—12-113

Alemite Div., Stewart Warner Corp.
Aro Equipment Corp., The
Baircraft, Inc.
Barnes Corp., John S.
Bljor Lubricating Corp.
Brown & Sharpe Mfg. Co., Hydraulics
Div.
Double A Products Co., Subsidiary of
Brown & Sharpe Mfg. Co.
Eaton Mfg. Co.
Lloyd Tool Corp.
Manzel, Inc.
Nichols Co., W. H.
Thompson Mfg. Co., Earl A.
Tuhill Pump Co.
Vickers, Inc.
Weldon Tool Co., The

PUMPS, VACUUM—82-073

Allis-Chalmers Mfg. Co.
American Air Compressor Corp.
Gast Mfg. Co.
Industrial Gages, Inc.
Lelman Bros., Inc.

**PUNCH SUPPORT SLEEVES
(see Sleeves, Punch Support)**

PUNCHES, RIVETING—55-032

Billings & Spencer Co., The
Dayton Carbide Tool Co., Inc.
Dayton Perforators, Inc.
Ford Mfg. Co., Inc., M. A.
High Speed Hammer Co., Inc., The
Hi-Shear Rivet Tool Co.
Niagara Machine & Tool Works
Pemco Perforators Co.
Thomson Mfg. Co., Judson L.
Whitney Metal Tool Co.

**PUNCHES & DIES, CARBIDE,
BLANKING—23-021**

Adamas Carbide Corp.
Amco Machine & Tool, Inc.
American Carbide Co.
Carbide, Inc.
Carbide Tools, Inc.
Commando Tool Co., Inc.
Eglinton Carbide Products, Inc.
Erinac Equipment Corp.
Everede Tool Co.
Harig Mfg. Corp.
Jahn Mfg. Co., B. The
Jaquith Carbide Div., Pratt & Whitney
Co., Inc.
L & H Die & Tool Co., Inc.
Lamina Dies & Tools, Inc.
Madison-Reco Tool Co.
Metallurgical Products Dept., General
Electric Co.
Meyers Co., W. F.
New England Die Co., Inc.
Oberg Mfg. Co., Inc.
Parker-Hartford Corp., The
Royal Oak Tool & Machine Co.,
Grinder Div.
S & E Machine Products, Inc.
Schmarje Tool Co.
Schmitt Co., R. L.
Shaker Tool & Die Co.
Sintercast Corp. of America
Staats & Staats, Inc.
Stein & Co., Inc., Wm. P.
Unimet Carbides
Willey's Carbide Tool Co.

**PUNCHES & DIES, CARBIDE,
LAMINATION—23-022**

Amco Machine & Tool, Inc.
Carbide, Inc.
Carbide Tools, Inc.
Commando Tool Co., Inc.
Connecticut Tool & Engineering Co.
Eglinton Carbide Products, Inc.
Erinac Equipment Corp.
Everede Tool Co.
Haddon Tool & Mfg. Co.
Harig Mfg. Corp.
Holmberg & Co., Inc., August W.
Jahn Mfg. Co., B. The
Jaquith Carbide Div., Pratt &
Whitney Co., Inc.
Lamina Dies & Tools, Inc.
Metallurgical Products Dept., General
Electric Co.
Oberg Mfg. Co., Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
Shaker Tool & Die Co.
Sintercast Corp. of America
Standard-Modern Tool Co., Ltd.
Stein & Co., Inc., Wm. P.
Unimet Carbides
Willey's Carbide Tool Co.

**PUNCHES & DIES, CARBIDE,
PERFORATING—23-023**

Adamas Carbide Corp.
Amco Machine & Tool, Inc.
American Carbide Co.
Carbide, Inc.
Carbide Tools, Inc.
Commando Tool Co., Inc.
Connecticut Tool & Engineering Co.
Dayton Perforators, Inc.
Durable Punch & Die Co.
Eglinton Carbide Products, Inc.
Erinac Equipment Corp.
Everede Tool Co.
Ford Mfg. Co., Inc., M. A.
Harig Mfg. Corp.
Holmberg & Co., Inc., August W.
Jahn Mfg. Co., B. The

PRODUCTS

PUNCHES & DIES, CARBIDE, PERFORATING—23-023 (cont.)

Jaquith Carbide Div.
Kartarik, Inc.
L & H Die & Tool Co., Inc.
Metallurgical Products Dept., General Electric Co.
Meyers Co., W. F.
Oberg Mfg. Co., Inc.
Pemco Perforators Co.
Porter Precision Products
Royal Oak Tool & Machine Co.
Schmarje Tool Co.
Schmitt Co., R. L.
Shaker Tool & Die Co.
Sintercast Corp. of America
Stein & Co., Inc., Wm. F.
Unimet Carbidies
Whistler & Sons, Inc., S. B.

PUNCHES & DIES, PLASTIC, FORMING & DRAWING—23-031

Amco Machine & Tool, Inc.
Arrowsmith Tool & Die Corp.
Campbell Contour Attachment Co., Inc.
Century Detroit
Commercial Die Co.
Crafts Co., Inc., Arthur A.
Dayton Perforators, Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Eastern Precision Tool & Gage Co.
Everede Tool Co.
Harig Mfg. Corp.
Houghton Laboratories, Inc.
Liberty Tool & Die Corp.
Micro Punch & Die Co.
Payne Tool and Engineering Co., The
Pemco Perforators Co.
Porter Precision Products
Ren Plastics, Inc.
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co.
Tietzmann Tool Corp.
Vulcan Tool Co.
Warren Plastic & Engineering, Inc.
West Tool & Die Corp., R. C.
Whistler & Sons, Inc., S. B.
Wilkins, Inc., Alwin Fr.

PUNCHES & DIES, STEEL, BLANKING—23-011

Alva Allen Industries
American Standard Co.
American Standard Punch Corp.
Applied Tool & Die Co.
Arrowsmith Tool & Die Corp.
Atlas Tool & Die Wks.
Barth Corp., The
Bowman Products, Inc.
Carbide Tools, Inc.
Century Detroit
City Tool Corp.
Clearing Div. of U. S. Industries
Commando Tool Co., Inc.
Connecticut Tool & Engineering Co.
Conray Electro-Mechanical Corp.
Dayton Perforators, Inc.
DeKalb Precision Industries
Dery & Sons Tool & Die Co., A. L.
Distel Tool & Machine Co.
Dreis & Krump Mfg. Co.
Eastern Precision Tool & Gage Co.
Everede Tool Co.
Federal Tool Corp.
Furane Plastics, Inc.
Garvin Brothers, Inc.
Hanover Tool Co., Inc.
Harig Mfg. Corp.
Holmberg & Co., Inc., August W.
Hovis Screwlock Co.
Jahn Mfg. Co., B., The
Jaquith Carbide Div.
Kartarik, Inc.
L & H Die & Tool Co., Inc.
Laystrom Mfg. Co.
Leake Engineering Co., The
Lewthwaite Machine Co., Inc., T. H.
Liberty Tool & Die Corp.
Loeffel Co., Inc., Arthur, The
Madison-Relco Tool Co.
Merz Engineering, Inc.
Metal Carbidies Corp.
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
Mutual Machine Co., Inc.
New England Die Co., Inc.

Oberg Mfg. Co., Inc.
Octavia Tool & Gage Co.
O'Neill-Irwin Mfg. Co.
Payne Tool and Engineering Co., The
Porter Precision Products
Pratt & Whitney Co., Inc.
Queens Tool Mfg. Co., Inc.
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Rocheleau Tool & Die Co., Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Sal Metal Products Co.
Schultes Level, Inc.
Speedex Precision Products
Staats & Staats, Inc.
Standard-Modern Tool Co., Ltd.
Stein & Co., Inc., Wm. F.
Taylor-Winfield Corp.
Tietzmann Tool Corp.
Tools, Inc.
Universal Instruments Corp.
Vamco Machine & Tool, Inc.
Verson Allsteel Press Co.
Vulcan Tool Co.
Ward Machinery Co., Inc.
Warren Plastic & Engineering, Inc.
West Tool & Die Corp., R. C.
Whistler & Sons, Inc., S. B.
Wiedemann Machine Co.

PUNCHES & DIES, STEEL, EMBOSsing & COINING—23-012

Acromark Co., The
Alwin Fr. Wilkins, Inc.
American Standard Co.
Arrowsmith Tool & Die Corp.
Barth Corp., The
Century Detroit
City Tool Corp.
Clearing Div. of U. S. Industries
Connecticut Tool & Engineering Co.
Dayton Perforators, Inc.
Defiance Machine & Tool Co.
Distel Tool & Machine Co.
Eastern Precision Tool & Gage Co.
Everede Tool Co.
Future Products Tool Corp.
Garvin Brothers, Inc.
Harig Mfg. Corp.
Hoggson & Pettis Mfg. Co., The
Holmberg & Co., Inc., August W.
Jahn Mfg. Co., B., The
Laystrom Mfg. Co.
Liberty Tool & Die Corp.
Loeffel Co., Inc., Arthur, The
Merz Engineering, Inc.
Midwest Tool & Engineering Co.
Noble & Westbrook Mfg. Co., The
Oberg Mfg. Co., Inc.
Pannier Corp., The
Parker-Hartford Corp., The
Payne Tool and Engineering Co., The
Porter Precision Products
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Rocheleau Tool & Die Co., Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Schultes Level, Inc.
Speedex Precision Products
Staats & Staats, Inc.
Standard-Modern Tool Co., Ltd.
Taylor-Winfield Corp.
Tietzmann Tool Corp.
Universal Instruments Corp.
Vamco Machine & Tool, Inc.
Verson Allsteel Press Co.
West Tool & Die Corp., R. C.
Whistler & Sons, Inc., S. B.
Wiedemann Machine Co.
Wright & Sons, Greg G.

PUNCHES & DIES, STEEL, FORGING—23-013

Campbell Contour Attachment Co., Inc.
Clearing Div. of U. S. Industries
Commercial Die Co.
Connecticut Tool & Engineering Co.
Dayton Perforators, Inc.
Distel Tool & Machine Co.
Durable Punch & Die Co.
Eastern Precision Tool & Gage Co.
Extrusions, Inc.
Jahn Mfg. Co., B., The
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
Payne Tool and Engineering Co., The
Ring Punch & Die, Inc.

Rocheleau Tool & Die Co., Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Staats & Staats, Inc.
Standard-Modern Tool Co., Ltd.
Tietzmann Tool Corp.
Vac Alloys, Inc.
Vamco Machine & Tool, Inc.
Vernon Allsteel Press Co.

PUNCHES & DIES, STEEL, FORMING & DRAWING—23-014

Amco Machine & Tool, Inc.
American Smelting & Refining Co.
American Standard Co.
Applied Tool & Die Co.
Arrowsmith Tool & Die Corp.
B-M-S Carbide Specialties, Inc.
Barth Corp., The
Bowman Products, Inc.
Campbell Contour Attachment Co., Inc.
Century Detroit
City Tool Corp.
Clearing Div. of U. S. Industries
Connecticut Tool & Engineering Co.
Conray Electro-Mechanical Corp.
Dayton Perforators, Inc.
DeKalb Precision Industries
Dery & Sons Tool & Die Co., A. L.
Distel Tool & Machine Co.
Eastern Precision Tool & Gage Co.
Eglinton Carbide Products, Inc.
Everede Tool Co.
Furane Plastics, Inc.
Future Products Tool Corp.
Garvin Brothers, Inc.
Hanover Tool Co., Inc.
Harig Mfg. Corp.
Holmberg & Co., Inc., August W.
Jahn Mfg. Co., B., The
Jaquith Carbide Div., Pratt & Whitney Co., Inc.
Kartarik, Inc.
L & H Die & Tool Co., Inc.
Laystrom Mfg. Co.
Liberty Tool & Die Corp.
Madison-Relco Tool Co.
Merz Engineering, Inc.
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
New England Die Co., Inc.
Oberg Mfg. Co., Inc.
Octavia Tool & Gage Co.
O'Neill-Irwin Mfg. Co.
Payne Tool and Engineering Co., The
Queens Tool Mfg. Co., Inc.
Rayflex Co., Inc.
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Rocheleau Tool & Die Co., Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Schultes Level, Inc.
Speedex Precision Products
Staats & Staats, Inc.
Standard-Modern Tool Co., Ltd.
Stein & Co., Inc., Wm. F.
Tietzmann Tool Corp.
Tools, Inc.
Universal Instruments Corp.
Vac Alloys, Inc.
Verson Allsteel Press Co.
Vulcan Tool Co.
Warren Plastic & Engineering, Inc.
West Tool & Die Corp., R. C.
Whistler & Sons, Inc., S. B.

PUNCHES & DIES, STEEL, PERFORATING—23-015

Acme Industrial Products, Inc.
Amco Machine & Tool, Inc.
American Standard Co.
American Standard Punch Corp.
Arrowsmith Tool & Die Corp.
Atlas Tool & Die Wks.
B-M-S Carbide Specialties, Inc.
Barth Corp., The
Blackhawk Mfg. Co.
Campbell Contour Attachment Co., Inc.
Century Detroit
City Tool Corp.
Commando Tool Co., Inc.
Connecticut Tool & Engineering Co.
Dayton Perforators, Inc.
DeKalb Precision Industries
Dreis & Krump Mfg. Co.
Durable Punch & Die Co.
Eastern Precision Tool & Gage Co.
Everede Tool Co.

**PUNCHES & DIES, STEEL,
PERFORATING—23-015 (cont.)**

Federal Tool Corp.
Ford Mfg. Co., Inc., M. A.
Future Products Tool Corp.
Harig Mfg. Corp.
Holmberg & Co., Inc., August W.
Jahn Mfg. Co., B., The
Jaquith Carbide Div., Pratt &
Whitney Co., Inc.
Kartarik, Inc.
L & H Die & Tool Co., Inc.
Laystrom Mfg. Co.
Leake Engineering Co., The
Lewthwaite Machine Co., Inc., T. H.
Liberty Tool & Die Corp.
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
Mutual Machine Co., Inc.
Oberg Mfg. Co., Inc.
Octavia Tool & Gage Co.
O'Neill-Irwin Mfg. Co.
Payne Tool and Engineering Co., The
Penco Perforators Co.
Porter Precision Products
Punch Products Corp.
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Rocheleau Tool & Die Co., Inc.
Ross Equipment Co., Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
Speedex Precision Products
Standard-Modern Tool Co., Ltd.
Stein & Co., Inc., Wm. P.
Taylor-Winfield Corp.
Tietzmann Tool Corp.
Tools, Inc.
Toolset, Inc.
Universal Instruments Corp.
Version AllSteel Press Co.
Vogel Tool & Die Corp.
Vulcan Tool Co.
Wales Stripplitt, Inc.
Ward Machinery Co., Inc.
West Tool & Die Corp., R. C.
Wiedemann Machine Co.
Whistler & Sons, Inc., S. B.
Whitney Mfg. Co., W. A.
Whitney Metal Tool Co.

**PUNCHES & DIES, STEEL,
PRESS BRAKE—23-016**

Arrowsmith Tool & Die Corp.
Atlas Tool & Die Wks.
Barth Corp., The
Campbell Contour Attachment Co., Inc.
Century Detroit
City Tool Corp.
Conray Electro-Mechanical Corp.
DeKalb Precision Industries
Dreis & Krump Mfg. Co.
Everede Tool Co.
Jahn Mfg. Co., B., The
Lempco Industrial, Inc.
Lodge & Shipley Co., The
Merz Engineering, Inc.
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
Niagara Machine & Tool Works
Pacific Industrial Mfg. Co.
Payne Tool and Engineering Co., The
Punch Products Corp.
Rafter Machine Co., Inc.
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
Ryerson & Son, Inc., Joseph T.
Schultes Level, Inc.
Standard-Modern Tool Co., Ltd.
Tietzmann Tool Corp.
Universal Instruments Corp.
Version AllSteel Press Co.
Ward Machinery Co., Inc.
West Tool & Die Corp., R. C.
Whistler & Sons, Inc., S. B.
Whitney Metal Tool Co.

**PUNCHES & DIES, STEEL,
TRIMMING—23-018**

Alva Allen Industries
Amco Machine & Tool, Inc.
American Standard Co.
Arrowsmith Tool & Die Corp.
Atlas Tool & Die Wks.
Barth Corp., The
Campbell Contour Attachment Co., Inc.

Carbide Tools, Inc.
Century Detroit
City Tool Corp.
Clearing Div. of U. S. Industries
Commercial Die Co.
Connecticut Tool & Engineering Co.
Conray Electro-Mechanical Corp.
Dayton Perforators, Inc.
DeKalb Precision Industries
Distel Tool & Machine Co.
Eastern Precision Tool & Gage Co.
Hanover Tool Co., Inc.
Harig Mfg. Corp.
Hoggson & Pettis Mfg. Co., The
Holmberg & Co., Inc., August W.
Jahn Mfg. Co., B., The
Kartarik, Inc.
L & H Die & Tool Co., Inc.
Laystrom Mfg. Co.
Liberty Tool & Die Corp.
Madison-Reico Tool Co.
Merz Engineering, Inc.
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
Oberg Mfg. Co., Inc.
Octavia Tool & Gage Co.
O'Neill-Irwin Mfg. Co.
Payne Tool and Engineering Co., The
Queens Tool Mfg. Co., Inc.
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
Schultes Level, Inc.
Seewald, Inc.
Speedex Precision Products
Staats & Staats, Inc.
Standard-Modern Tool Co., Ltd.
Stein & Co., Inc., Wm. P.
Tietzmann Tool Corp.
Tools, Inc.
Universal Instruments Corp.
Version AllSteel Press Co.
Vulcan Tool Co.
Ward Machinery Co., Inc.
Warren Plastic & Engineering, Inc.
West Tool & Die Corp., R. C.
Whistler & Sons, Inc., S. B.
Whitney Metal Tool Co.

**PUNCHES & DIES, STEEL,
SPECIAL—23-019**

Acme Industrial Products, Inc.
Amco Machine & Tool, Inc.
American Standard Co.
Applied Tool & Die Co.
Arrowsmith Tool & Die Corp.
Atlas Tool & Die Wks.
Barth Corp., The
Campbell Contour Attachment Co., Inc.
Carbide Tools, Inc.
Century Detroit
Chemical Development Corp.
City Tool Corp.
Clearing Div. of U. S. Industries
Cleveland Punch & Shear Works Co., The
Connecticut Tool & Engineering Co.
Conray Electro-Mechanical Corp.
Cyril Bath Co., The
Dayton Carbide Tool Co., Inc.
Dayton Perforators, Inc.
DeKalb Precision Industries
Delaware Tool Steel Corp.
Die-Draulic Grip, Inc.
Distel Tool & Machine Co.
Durable Punch & Die Co.
Eastern Precision Tool & Gage Co.
Erinac Equipment Corp.
Everede Tool Co.
Federal Tool Corp.
Ford Mfg. Co., Inc., M. A.
Furane Plastics, Inc.
Future Products Tool Corp.
Garvin Brothers, Inc.
Hanover Tool Co., Inc.
Harig Mfg. Corp.
Hendley & Whittemore Co.
Holmberg & Co., Inc., August W.
Hovis Screwlock Co.
Ideal Tool & Die Co., Inc.
Jahn Mfg. Co., B., The
Jaquith Carbide Div., Pratt &
Whitney Co., Inc.
Kartarik, Inc.
L & H Die & Tool Co., Inc.
Laystrom Mfg. Co.
Leake Engineering Co., The
Lewthwaite Machine Co., Inc., T. H.
Liberty Tool & Die Corp.
Lund Mfg. Co.
Madison-Reico Tool Co.

Merz Engineering, Inc.
Micro Punch & Die Co.
Midwest Tool & Engineering Co., The
Moran Instrument Corp.
Oberg Mfg. Co., Inc.
Octavia Tool & Gage Co.
O'Neill-Irwin Mfg. Co.
Payne Tool and Engineering Co., The
Penco Perforators Co.
Porter Precision Products
Punch Products Corp.
Rayflex Co., Inc.
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Rocheleau Tool & Die Co., Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
Schultes Level, Inc.
Shaker Tool & Die Co.
Speedex Precision Products
Staats & Staats, Inc.
Standard-Modern Tool Co., Ltd.
Stein & Co., Inc., Wm. P.
Stokes Corp., P. J.
Taylor-Winfield Corp.
Tietzmann Tool Corp.
Tools, Inc.
Toolset, Inc.
Universal Instruments Corp.
Vac Alloys, Inc.
Version AllSteel Press Co.
Vogel Tool & Die Corp.
Vulcan Tool Co.
Wales Stripplitt, Inc.
Waltham Machine Works, Inc.
Ward Machinery Co., Inc.
West Tool & Die Corp., R. C.
Whistler & Sons, Inc., S. B.
Whitney Mfg. Co., W. A.
Whitney Metal Tool Co.
Wiedemann Machine Co.

PUNCHES & DIES, STEEL RULE—23-017

Arrowsmith Tool & Die Corp.
Dayton Perforators, Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Jahn Mfg. Co., B., The
Payne Tool and Engineering Co., The
Porter Precision Products
Richards Co., J. A.
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
Tietzmann Tool Corp.

QUENCHING OILS (see Oil, Quenching)

**QUICK CHANGE TOOLHOLDERS
(see Toolholders, Quick Change)**

**RADIOLOGICAL INSPECTION
EQUIPMENT—62-030**

Curtiss-Wright Corp.
Hughes Products, Hughes Aircraft Co.
Machlett Laboratories, Inc.
Westinghouse Electric Corp.

REAMERS, ADJUSTABLE—13-081

Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
B. S. A. Tools, Ltd.
Barber-Colman Co.
Besly-Welles Corp.
Brubaker Tool Corp.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co. The
Detroit Reamer and Tool Co.
DoAll Co., The
F & D Tool Co., Inc.
Goddard & Goddard Co.
Greenfield Tap & Die
Lee Co., K. O.
Keystone Reamer & Tool Co.
Lavalley & Ide, Inc.
Lempco Industrial, Inc.
Madison Industries, Inc.
McCrosky Tool Corp.
Morris Twist Drill & Machine Co.
Muskegon Tool Industries, Inc.
O. K. Tool Co., Inc., The
Pratt & Whitney Co., Inc.
Special Drill & Reamer Corp.
Standard Tool Co.
Super Tool Co., Div. of Van Norman Ind.

PRODUCTS

REAMERS, ADJUSTABLE—13-081 (cont.)

Vee Bee Mfg. Co.
Waukesha Cutting Tools, Inc.
Wendt-Sonls Co.
Whitman & Barnes
Wickman Mfg. Co.

REAMERS, CARBIDE—13-085

American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
Atrax Co., The
B. S. A. Tools, Ltd.
Barber-Colman Co.
Besly-Welles Corp.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide, Inc.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
Dexco Corp., - Raymac Div.
Dixie Tool Industries
DoAll Co., The
Eldorado Tool & Mfg. Corp.
Elgin National Watch Co.
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Ford Mfg. Co., Inc., M. A.
Glenbard Tool Mfrs., Inc.
Gorham Tool Co.
Greenfield Tap & Die
International Abrasive Corp.
Jarvis Corp.
Lavalley & Ide, Inc.
Madison Industries, Inc.
Masterform Tool Co.
Metal Removal Co., The
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
Nelco Tool Co., Inc.
Niagara Cutter Div.
Onarud Cutter Mfg. Co., Inc.
Pratt & Whitney Co., Inc.
Precision Carbide Co.
Precision Twist Drill & Mach. Co.
Rotary Tool Industries, Inc.
S & E Machine Products, Inc.
Schmarje Tool Co.
Schmitt Co., R. L.
Severance Tool Industries, Inc.
Special Drill & Reamer Corp.
Standard Tool Co.
Starlite Industries, Inc.
Staples Tool Co., The
Strand Flexible Shaft, Inc., N. A.
Super Tool Co., Div. of Van Norman Ind.
U. S. Carbide Tool, Inc.
Unimet Carbides
Union Twist Drill Co.
Valenite Metals Div.
Wendt-Sonls Co.
Whitman & Barnes
Willey's Carbide Tool Co.

REAMERS, EXPANSION—13-082

Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Barber-Colman Co.
Besly-Welles Corp.
Brubaker Tool Corp.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Detroit Reamer and Tool Co.
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co., Inc.
Goddard & Goddard Co.
Greenfield Tap & Die
Keystone Reamer & Tool Co.
Lavalley & Ide, Inc.
Lemco Industrial, Inc.
Martindale Electric Co.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
New Britain Tool & Mfg. Co., Inc.
Pratt & Whitney Co., Inc.
Snap-on Tools Corp.
Special Drill & Reamer Corp.
Standard Tool Co.

Staples Tool Co., The
Super Tool Co., Div. of Van Norman Ind.
Union Twist Drill Co.
Wendt-Sonls Co.
Whitman & Barnes

REAMERS, FLOATING—13-083

Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
B & W Precision Products Co.
Barber-Colman Co.
Brubaker Tool Corp.
Boyar-Schultz Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Detroit Reamer and Tool Co.
Keystone Reamer & Tool Co.
Lavalley & Ide, Inc.
Madison Industries, Inc.
Masterform Tool Co.
Modern Mfg. Co., Inc.
Muskegon Tool Industries, Inc.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Special Drill & Reamer Corp.
Staples Tool Co., The
Thread-All Sales Co.
Twentieth Century Mfg. Co.
Vee Bee Mfg. Co.
Wickman Mfg. Co.

REAMERS, REPLACEABLE HEAD—13-084

American Cutter & Engineering Corp.
Brubaker Tool Corp.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Lemco Industrial, Inc.
Masterform Tool Co.
O. K. Tool Co., Inc., The
Special Drill & Reamer Corp.
Tomkins-Johnson Co., The

REAMERS, STUB, SCREW MACHINE—13-086

Ace Drill Corp.
Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co.
Besly-Welles Corp.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
DoAll Co., The
F & D Tool Co., Inc.
Glenbard Tool Mfrs., Inc.
Greenfield Tap & Die
Gorham Tool Co.
Jarvis Corp.
Lavalley & Ide, Inc.
Madison Industries, Inc.
Masterform Tool Co.
Morse Twist Drill & Machine Co.
Muskegon Tool Industries, Inc.
National Twist Drill & Tool Co.
Niagara Cutter Div.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Rotary Tool Industries, Inc.
S & E Machine Products, Inc.
Schmarje Tool Co.
Schmitt Co., R. L.
Special Drill & Reamer Corp.
Standard Tool Co.
Staples Tool Co., The
Super Tool Co., Div. of Van Norman Ind.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
U. S. Carbide Tool, Inc.
Union Twist Drill Co.
Wendt-Sonls Co.
Wesson Co.
Whitman & Barnes

REAMERS, SUBLAND—13-089
Special Drill & Reamer Corp.

REAMERS, TAPER—13-087

Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B. S. A. Tools, Ltd.
B & W Precision Products Co.
Barber-Colman Co.
Besly-Welles Corp.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Conical Tool Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
DoAll Co., The
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Gammons-Hoaglund Co., The
Glenbard Tool Mfrs., Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die
Jarvis Corp.
Keystone Reamer & Tool Co.
Lavalley & Ide, Inc.
Madison Industries, Inc.
Masterform Tool Co.
Metal Cutting Tools, Inc.
Morse Twist Drill & Machine Co.
Muskegon Tool Industries, Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div.
Pic Design Corp.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Rutland Tool Service
S & E Machine Products, Inc.
Schmarje Tool Co.
Schmitt Co., R. L.
Sonnet Tool & Mfg. Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Twentieth Century Mfg. Co.
U. S. Carbide Tool, Inc.
Union Twist Drill Co.
Wayne Tool Co.
Wendt-Sonls Co.
Whitman & Barnes

REAMERS, TAPER PIN—13-088

Alvord-Polk Tool Co.
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B. S. A. Tools, Ltd.
Besly-Welles Corp.
Brubaker Tool Corp.
Buol Machine Co., The
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Detroit Reamer and Tool Co.
DoAll Co., The
F & D Tool Co., Inc.
Gammons-Hoaglund Co., The
Goddard & Goddard Co.
Greenfield Tap & Die
Jarvis Corp.
Keystone Reamer & Tool Co.
Lavalley & Ide, Inc.
Madison Industries, Inc.
Masterform Tool Co.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
Niagara Cutter Div.
Pic Design Corp.
Pratt & Whitney Co., Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Special Drill & Reamer Corp.
Standard Tool Co.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
Wayne Tool Co.
Whitman & Barnes

RECESSING TOOLS—12-182

Acme Tool Corp.
Alco Tool Co., The
American Cutter & Engineering Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Bokum Tool Co., Inc.

RECESSING TOOLS—12-182 (cont.)

Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Brubaker Tool Corp.
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cogsdill Tool Products, Inc.
Colonial Tool Co.
Crafts Co., Inc., Arthur A.
Davis Boring Tool Div.
Dayton Carbide Tool Co., Inc.
Detroit Reamer and Tool Co.
Detterbeck Co., George L.
Electro Refractories & Abrasives Corp.
Ex-Cell-O Corp.
Gairing Tool Co.
Glenhard Tool Mfrs., Inc.
Gorham Tool Co.
Lehmann-Fulton Boring Tool Co.
Lund Mfg. Co.
Madison-Faessler Tool Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Marcellus Mfg. Co.
Masterform Tool Co.
Modco Tools Div. of the Valeron Corp.
National Tool Co.
Neise, Karl A.
Niagara Cutter Div.
Nobur Mfg. Co.
Plew Tool Corp.
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
R and L Tools
Scully-Jones & Co.
Selbert & Sons, Inc.
Somma Tool Co., Inc.
Special Drill & Reamer Corp.
U. S. Carbide Tool, Inc.
Vee Bee Mfg. Co.
Wendt-Sonis Co.
Wetmore Tool & Engineering Co.

REELS & BALANCERS, TOOL SUSPENSION—94-060

Thor Power Tool Co.

REELS, STOCK—22-130

Aaron Machinery Co., Inc.
Acme-Danneman Co., Inc.
Automatic Feed Co.
Cleveland Automatic Machine Co., The
Cooper Weymouth, Inc.
Dickerman Mfg. Co., H. E.
Durant Tool Co.
Emhart Mfg. Co.
Fidelity Machine Tool, Inc.
Humm Safety Equipment Corp., John
La Bahn Roll Feed Corp.
Littell Machine Co., F. J.
McKay Machine Co., The
Mettler Machine Tool, Inc.
Montgomery & Co., Inc.
Nilson Machine Co., A. H., The
Patterson Machine Co., Geo. C., The
Rowe Machinery & Mfg. Co.
Schultes Level, Inc.
Seco, Inc.
Special Engineering Service, Inc.
Speedex Precision Products
Tishken Products Co.
U. S. Tool Co., Inc.
United Machinery Sales Co.
Wean Equipment Corp.
Witte Mfg. Co.

REFRACTORIES—03-040

Bay State Abrasive Products Co.
General Abrasive Co., Inc.
Norton Co., Abrasive Div.

REGULATORS, AIR PRESSURE (see Pressure Regulators, Air)

RELEASES, MOLD (see Mold Releases)

RETAINERS, PUNCH & DIE, BALL LOCK—22-061

Acme Industrial Products, Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Future Products Tool Corp.
Kartarik, Inc.

Porter Precision Products
Richard Brothers Punch Div.

RETAINERS, PUNCH & DIE, BUTTON-HEAD—22-062

Acme Industrial Products, Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Future Products Tool Corp.
Kartarik, Inc.
Lewthwaite Machine Co., Inc., T. H.
Porter Precision Products
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Speedex Precision Products
Vamco Machine & Tool, Inc.

RETAINERS, PUNCH & DIE, SETSCREW—22-063

Acme Industrial Products, Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Future Products Tool Corp.
Kartarik, Inc.
Lewthwaite Machine Co., Inc., T. H.
Porter Precision Products
Ring Punch & Die, Inc.
Speedex Precision Products
Ward Machinery Co., Inc.
Whistler & Sons, Inc., S. B.

RETAINERS, PUNCH & DIE, SPECIAL—22-064

Acme Industrial Products, Inc.
Connecticut Tool & Engineering Co.
DeKalb Precision Industries
Durable Punch & Die Co.
Future Products Tool Corp.
Hovis Screwlock Co.
Kartarik, Inc.
Lewthwaite Machine Co., Inc., T. H.
Micro Punch & Die Co.
Payne Tool and Engineering Co., The
Porter Precision Products
Rayflex Co., Inc.
Richard Brothers Punch Div.
Ring Punch & Die, Inc.
Speedex Precision Products
Tietzmann Tool Corp.
Vamco Machine & Tool, Inc.
Ward Machinery Co., Inc.
Whistler & Sons, Inc., S. B.
Wiedemann Machine Co.

RETAINING RINGS (see Rings, Retaining)

RIGID SHAFTS & DETAILS (see Shafts & Details, Rigid)

RINGS, RETAINING—91-090

Associated Spring Corp.
Carroll Pressed Metal, Inc.
Centrifugally Cast Products Div., The
Shenango Furnace Co.
Eaton Mfg. Co., Reliance Div.
Heppenstall Co.
Hunter Spring Co.
National Lock Washer Co., The
Raymond Mfg. Div.
Simonds Saw & Steel Co.
Walides Kohinoor, Inc.

RIVET INSTALLATION TOOLS, BLIND—55-033

Aviation Developments, Inc.
Huck Mfg. Co.
Sheridan Products, Inc.

RIVETERS, PORTABLE HYDRAULIC—72-050

Chicago Pneumatic Tools Co.
Hannifin Co.
Hi-Shear Rivet Tool Co.
Manco Mfg. Co.
Marchant Machining Corp.
Thomson Mfg. Co., Judson L.
Whitney Mfg. Co., W. A.

RIVETERS, PORTABLE PNEUMATIC—71-120

Aviation Developments, Inc.
Chicago Pneumatic Tool Co.
Cleco Div.
Gardner-Denver Co.
Hanna Engineering Works
Ingersoll-Rand Co.
Lemert Engineering Co., Inc.

Marchant Machining Corp.
Nielsen, Inc., E. V.
Superior Pneumatic & Mfg., Inc.
Thor Power Tool Co.

RIVETING MACHINES, HAMMER TYPE—55-014

Aaron Machinery Co., Inc.
Alina Corp.
Black & Webster, Inc.
Chicago Pneumatic Tool Co.
Chicago Rivet & Machine Co.
Grant Mfg. & Machine Co., The
High Speed Hammer Co., Inc., The
Ingersoll-Rand Co.
Lemert Engineering Co., Inc.
Russell, Holbrook & Henderson, Inc.
Stimpson Co., Inc., Edwin B.
Thomson Mfg. Co., Judson L.
Thor Power Tool Co.
Townsend Mfg. Co., H. P., The

RIVETING MACHINES, ROTARY VIBRATING TYPE—55-012

Aaron Machinery Co., Inc.
Grant Mfg. & Machine Co., The
Gray Equipment Co.
High Speed Hammer Co., Inc., The
Hill Machine Co.
Lemert Engineering Co., Inc.
Thomson Mfg. Co., Judson L.

RIVETING MACHINES, SPECIAL PURPOSE—55-015

Agnew Machine Co.
Air Hydraulics, Inc.
Alina Corp.
Barth Corp., The
Black & Webster, Inc.
Century Detroit
Chicago Rivet & Machine Co.
Foredom Electric Co., Inc.
General-Electric Mechanical Corp.
Gray Equipment Co.
Hannifin Co.
High Speed Hammer Co., Inc., The
Hill Machine Co.
Hi-Shear Rivet Tool Co.
Ingersoll-Rand Co.
Inter-Lakes Engineering Co.
Lemert Engineering Co., Inc.
Manco Mfg. Co.
Milford Rivet & Machine Co., The
Nuclear Products - Erco
Precision Detroit Co., Inc.
Star Machine & Tool Co.
Stimpson Co., Inc., Edwin B.
Swift Ohio Corp.
Thomson Mfg. Co., Judson L.
Tomkins-Johnson Co., The
Townsend Mfg. Co., H. P., The
Trio Tool Co.
Tubular Rivet & Stud Co.
Whitney Metal Tool Co.

RIVETING MACHINES, SPINNING TYPE—55-013

Aaron Machinery Co., Inc.
Gardner-Denver Co.
Grant Mfg. & Machine Co., The
Gray Equipment Co.
High Speed Hammer Co., Inc., The
Hill Machine Co.
Inter-Lakes Engineering Co.
Lemert Engineering Co., Inc.
Linley Brothers Co.
Precision Detroit Co., Inc.
Russell, Holbrook & Henderson, Inc.
Sheridan Products, Inc.
Thomson Mfg. Co., Judson L.
Townsend Mfg. Co., H. P., The

RIVETING MACHINES, SQUEEZE TYPE—55-011

Aaron Machinery Co., Inc.
Chicago Pneumatic Tool Co.
Cleco Div.
Gardner-Denver Co.
General-Electric Mechanical Corp.
Hanna Engineering Works
Hannifin Co.
Inter-Lakes Engineering Co.
Milford Rivet & Machine Co., The
Thomson Mfg. Co., Judson L.
Thomson Mfg. Co., Judson L.

PRODUCTS

RIVETING MACHINES, SQUEEZE TYPE—55-011 (cont.)

Thor Power Tool Co.
Tomkins-Johnson Co., The
Tubular Rivet & Stud Co.
Whitney Metal Tool Co.

RIVETING PUNCHES (see Punches, Riveting)

RIVETS, SOLID—91-021

Active Screw & Mfg. Co.
Aluminum Co. of America
Bethlehem Steel Co.
Chase Brass & Copper Co.
Chicago Rivet & Machine Co.
Hassell, Inc., John
Lamson & Sessions Co., The
Milford Rivet & Machine Co., The
National Screw & Mfg. Co., The
New England Tubular Rivet, Inc.
Pheoli Mfg. Co.
Russell, Burdall & Ward Bolt & Nut Co.
Stimpson Co., Inc., Edwin B.
Thomson Mfg. Co., Judson L.
Townsend Co.
Tubular Rivet & Stud Co.

RIVETS, SPLIT—91-022

Active Screw & Mfg. Co.
Chase Brass & Copper Co.
Chicago Rivet & Machine Co.
Hassell, Inc., John
Milford Rivet & Machine Co., The
Sautheco Div.
Stimpson Co., Inc., Edwin B.
Thomson Mfg. Co., Judson L.
Townsend Co.
Tubular Rivet & Stud Co.

RIVETS, TUBULAR—91-023

Active Screw & Mfg. Co.
Aviation Developments, Inc.
Chase Brass & Copper Co.
Chicago Rivet & Machine Co.
Lemert Engineering Co., Inc.
Milford Rivet & Machine Co., The
New England Tubular Rivet, Inc.
Stimpson Co., Inc., Edwin B.
Thomson Mfg. Co., Judson L.
Townsend Co.
Tubular Rivet & Stud Co.

RIVETS, BLIND—91-024

du Pont de Nemours & Co., Inc., E. I.
Huck Mfg. Co.
Simmons Fastener Corp.
Townsend Co.
Tubular Rivet & Stud Co.

ROCKWELL HARDNESS TESTING MACHINES

(see Hardness Testing Machines, Rockwell)

ROD, DRILL—91-100

Ace Drill Co.
Boyd-Wagner Co.
Hutchinson Co., William T.
Pittsburgh Tool Steel Wire Div.
Marshall Steel Co.
Vanadium-Alloys Steel Co.
Vulcan-Kidd Steel Div.

ROD MILLS (see Rolling Mills, Rod)

RODS, WELDING—04-210

All-State Welding Alloys Co., Inc.
Eutectic Welding Alloys Corp.

ROLLING MACHINES, FORM—21-064

Abbey Etna Machine Co.
American Roller Die Corp.
Dahlstrom Machine Works, Inc.
Distel Tool & Machine Co.
Farnham Div.
Girard Associates
Gordon & Morgan Machine Co.
Grotnes Machine Works, Inc.
Hondley & Whittemore Co.
Hufford Corp., The
Kane & Koch, Inc.
Kling Bros. Engineering Works
Maplewood Machinery Co., Inc.
McKay Machine Co., The
Meta-Dynamics Div.
O'Neil-Irwin Mfg. Co.

Refter Machine Co., Inc.
Reed Rolled Thread Die Co.
Ryerson & Son, Inc., Joseph T.
Thompson Mfg. Co., Earl A.
Tishken Products Co.
Ward Machinery Co., Inc.
Wysong and Miles Co.
Yoder Co., The

ROLLING MACHINES, GEAR—21-065

Grob, Inc.
Michigan Tool Co.
Reed Rolled Thread Die Co.

ROLLING MACHINES, SPLINE—21-062

Aaron Machinery Co., Inc.
Grob, Inc.
Lees-Bradner Co., The
Michigan Tool Co.
Reed Rolled Thread Die Co.

ROLLING MACHINES, THREAD—21-063

Aaron Machinery Co., Inc.
E. S. A. Tools, Ltd.
Bachmann Co., Inc., Eric R.
Barer Engineering & Machinery Co.
Bilas Co., E. W.
Hartford Special Machinery Co.
Hause Machine, Inc.
Landis Machine Co.
Mettler Machine Tool, Inc.
Michigan Tool Co.
National Acme Co., The
Prutton Corp.
Reed Rolled Thread Die Co.
Rem Sales, Inc.
Sheffield Corp., The
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.

ROLLING MILLS, FLAT—21-061

Aaron Machinery Co., Inc.
Bilas Co., E. W.
Fenn Mfg. Co., The
Girard Associates
Innocenti Corp.
Loewy - Hydropress Div.
Loma Machine Mfg. Co., Inc.
Mesta Machine Co.
United Machinery Sales Co.
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.

ROLLING MILLS, ROD—21-067

Waterbury Farrel Fdry. & Mach. Co.
The

ROLLING MILLS, TUBE—21-066

American Roller Die Corp.
McKay Machine Co., The
Fenn Mfg. Co., The
Yoder Co., The

ROLLS, FLAT—23-061

American Cutter & Engineering Corp.
Detroit Flame Hardening Co.
Furane Plastics, Inc.
Gorham Tool Co.
Illinois Tool Works
Madison Industries, Inc.
Masterform Tool Co.
Reed Rolled Thread Die Co.
Valenite Metals Div.

ROLLS, FORM—23-062

American Cutter & Engineering Corp.
American Roller Die Corp.
Braeburn Alloy Steel Corp.
Furane Plastics, Inc.
Gorham Tool Co.
Grotnes Machine Works, Inc.
Illinois Tool Works
Jerpak-Bayless Co.
Madison Industries, Inc.
Madison-Reisen Tool Co.
Masterform Tool Co.
McKay Machine Co., The
National Tool Co.
Reed Rolled Thread Die Co.
Schmarje Tool Co.
Tishken Products Co.
Valenite Metals Div.

ROLLS, KNURLING—23-065

American Cutter & Engineering Corp.
Madison Industries, Inc.

Marelius Mfg. Co.
Masterform Tool Co.
Matthews & Co., Jas. H.
National Tool Co.
Pratt & Whitney Co., Inc.
Reed Rolled Thread Die Co.

ROLLS, SLITTING—23-066

Jerpak-Bayless Co.
Wapakoneta Machine Co., The

ROLLS, SPLINE—23-063

American Cutter & Engineering Corp.
Madison Industries, Inc.
Masterform Tool Co.
Michigan Tool Co.
National Tool Co.
Pratt & Whitney Co., Inc.
Reed Rolled Thread Die Co.

ROLLS, THREAD—23-064

Boyar-Schultz Corp.
Chaso Tool Co., Inc., The
Dalzen Mfg. Co.
Falcon Tool Co.
Jerpak-Bayless Co.
Landis Machine Co.
Madison Industries, Inc.
Michigan Tool Co.
National Tool Co.
Pratt & Whitney Co., Inc.
Prutton Corp.
Reed Rolled Thread Die Co.
Salvo Tool & Engineering Co.
Sheffield Corp., The

ROUTER BITS—13-135

Ace Drill Corp.
Arrow Tool & Reamer Co.
Atrax Co., The
Black & Decker Mfg. Co., The
Carbide Tools, Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Comet Tool Co.
Crafts Co., Inc., Arthur A.
Crucible Steel Co. of America
Dayton Carbide Tool Co., Inc.
Detroit Tap & Tool Co.
Ekstrom Carlson & Co.
Ford Mfg. Co., Inc., M. A.
Gorham Tool Co.
Hoe & Co., Inc., R.
Metal Removal Co., The
Millers Falls Co.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
North American Products Corp.
Onsrud Cutter Mfg. Co., Inc.
Onsrud Machine Works, Inc.
Peaslee Metal Products, Inc.
Porter-Cable Machine Co.
Pratt & Whitney Co., Inc.
Precision Twist Drill & Mach Co.
Price & Rutzebeck
Productive Tool Service, Inc.
S & E Machine Products, Inc.
Schmitt Co., R. L.
Stanley Works, The
Twentieth Century Mfg. Co.
Union Twist Drill Co.
Valenite Metals Div.
Victory Carbide Saw & Tool Co., Inc.
Weldon Tool Co., The
Whitman & Barnes
Willey's Carbide Tool Co.
Woodson Tool Co.

ROUTER GUIDES—12-185

Sheridan Products, Inc.

ROUTERS, PORTABLE ELECTRIC—73-120

Onsrud Machine Co.

ROUTERS, PORTABLE PNEUMATIC—71-160

Quackenbush Co., A. B.

ROUTING MACHINES—11-205

Ekstrom Carlson & Co.
Onsrud Machine Co.

RUBBER—03-050

Chemical Development Corp.
Dow Corning Corp.

RUBBER—03-050 (cont.)

Raybestos-Manhattan, Inc.
Thiokol Chemical Corp.
United States Rubber Co.
Wilbur & Williams Co., Inc.

RUBBER GOODS, MECHANICAL—91-080

AAA Mfg. Co., Inc.
Allis-Chalmers Mfg. Co.
Bushings, Inc.
Chemical Development Corp.
Chicago Rawhide Mfg. Co.
Couse and Bolten Co.
Furane Plastics, Inc.
Gates Rubber Co., The
Garlock Packing Co., The
Hewitt-Robins, Inc.
Manheim Mfg. & Belting Co.
Maurey Mfg. Corp.
Precision Rubber Products Corp.
Raybestos-Manhattan, Inc.
United States Rubber Co.

RULES & SCALES—74-025

Brown & Sharpe Mfg. Co., Industrial Products Div.
DoAll Co., The
Erinac Equipment Corp.
General Hardware Mfg. Co., Inc.
Industrial Lofting & Mfg. Co., Inc.
Lufkin Rule Co.
Machine Products Corp.
Millers Falls Co.
Scherr Co., Inc., George
Starrett Co., L. S., The
Tubular Micrometer Co.

SAFETY EQUIPMENT, PERSONAL—94-050

Acme Tool Corp.
American Optical Co.
Fendall Co.
Martindale Electric Co.
Positive Safety Mfg. Co., The

SANDERS, PORTABLE ELECTRIC—73-070

Albertson & Co., Inc.
Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Carborundum Co., The
Chicago Pneumatic Tool Co.
Haskins Co., R. G.
Ingersoll-Rand Co.
Jones Motrola Corp.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Nedco Co., The
Porter-Cable Machine Co.
Remington Arms Co., Inc.
Rotor Tool Co., The
Ryman Engineering Co.
Snap-on Tools Corp.
Skill Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.
Walker-Turner Div.

SANDERS, PORTABLE PNEUMATIC—71-090

Airetool Mfg. Co., The
Albertson & Co., Inc.
Aro Equipment Corp., The
Buckeye Tools Corp.
Carborundum Co., The
Chicago Pneumatic Tool Co.
Cleco Div.
Ekstrom Carlson & Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Pneumatic Tool Co., Inc.
Nielsen, Inc., E. V.
Remington Arms Co., Inc.
Rotor Tool Co., The
Skill Corp.
Sundstrand Machine Tool Co.
Superior Pneumatic & Mfg., Inc.
Thor Power Tool Co.

SANDING MACHINES, BELT—46-012

Aaron Machinery Co., Inc.
Acme Mfg. Co.
Black & Decker Mfg. Co., The
Boice-Crane Co.
Buckeye Tools Corp.
Carborundum Co., The
Clausing Div., Atlas Press Co.
Curtis Machine Div., The Carborundum Co.

Delta Power Tool Div., Rockwell Mfg. Co.
Duro Metal Products Co.
Hammond Machinery Builders, Inc.
Hill Acme Co., The
Mattison Machine Works
Max Mfg. Co.
Mead Specialties Co., Inc.
Merit Products, Inc.
Mooradian Mfg. Co.
Nicholas Equipment Co.
Oliver Machinery Co.
Porter-Cable Machine Co.
Production Machine Co.
Remington Arms Co., Inc.
Rotor Tool Co., The
Ryman Engineering Co.
Skill Corp.
Thor Power Tool Co.
Walker-Turner Div.
Walls Sales Corp.

SANDING MACHINES, DISK—46-011

Buckeye Tools Corp.
Clausing Div., Atlas Press Co.
Delta Power Tool Div., Rockwell Mfg. Co.
DeWalt Div.
Ingersoll-Rand Co.
Kindt-Collins Co.
Martindale Electric Co.
Max Mfg. Co.
Mooradian Mfg. Co.
Oliver Machinery Co.
Skill Corp.
Snap-on Tools Corp.
Southern Machine Tool Co.
Thor Power Tool Co.
Walker-Turner Div.
Wysong and Miles Co.

SANDING MACHINES, FLEXIBLE HEAD—46-013

AAA Mfg. Co., Inc.
Hammond Machinery Builders, Inc.
Mohawk File & Tool Co.

SANDING MACHINES, RECIPROCATING—46-014

Acme Mfg. Co.
Curtis Machine Div., The Carborundum Co.
Metal Parts Sales Co.
Sundstrand Machine Tool Co.

SAW BLADES, (see Blades, Saw)

SAW SHARPENING MACHINES—11-203

Black Diamond Saw & Mach. Works, Inc.
Hanchett Mfg. Co.
Klingelhofer Machine Tool Corp., Albert
Max Mfg. Co.
VonArnaud Co., W.
Wardell Mfg. Co., The

SAWING MACHINES, CIRCULAR—11-172

Abbey Etna Machine Co.
Boice-Crane Co.
Burke Porter Machinery Co.
Consolidated Machine Tool Div.
Delta Power Tool Div., Rockwell Mfg. Co.
du Pont de Nemours & Co., Inc., E. I.
George Machinery Co., James W.
Ingersoll-Rand Co.
Kenco Mfg. Co.
Klingelhofer Machine Tool Corp., Albert
Loma Machine Mfg. Co., Inc.
Marac Machinery Corp.
Moradian Mfg. Co.
Oliver Machinery Co.
Porter-McLeod Machine Tool Co., Inc.
Queens Tool Mfg. Co., Inc.
Sigma Machinery, Inc.
Skill Corp.
Townsend Mfg. Co., H. F., The
Ty-Sa-Man Machine Co.
United Machinery Sales Co.

SAWING MACHINES, CONTOUR BAND—11-176

Aaron Machinery Co., Inc.
Boice-Crane Co.

DoAll Co., The
Grob, Inc.
Hirschmann Co., Inc., Carl
Ideal Tool & Die Co., Inc.
Northfield Foundry & Machine Co.
Roll-In Saw Co.
Tannewitz Works, Inc., The
Stueck, Inc., W. Whitney

SAWING MACHINES, FRICTION—11-175

Aaron Machinery Co., Inc.
DoAll Co., The
Kling Bros. Engineering Works
Loma Machine Mfg. Co., Inc.
Roversford Foundry & Machine Co., Inc.
Ryerson & Son, Inc., Joseph T.
S & S Machinery Co.
Ty-Sa-Man Machine Co.
Stueck, Inc., W. Whitney

SAWING MACHINES, HACK—11-171

Aaron Machinery Co., Inc.
Armstrong-Blum Mfg. Co.
Austin Industrial Corp.
Bentley Industrial Corp.
Berkroy Products Co.
Chicago Pneumatic Tool Co.
Covel Mfg. Co.
Lipe-Rollway Corp.
Milwaukee Electric Tool Corp.
Modern Mfg. Co., Inc.
Peerless Machine Co.
Price & Ruigebeck
Racine Hydraulics & Machinery, Inc.
Roversford Foundry & Machine Co., Inc.
Ryerson & Son, Inc., Joseph T.
Seewald, Inc.
Sigma Machinery, Inc.

SAWS, HOLE (see Hole Saws)

SAWS, PORTABLE ELECTRIC—73-050

Daston Div.
Modern Mfg. Co., Inc.

SAWS, PORTABLE PNEUMATIC—71-050

Buckeye Tools Corp.

SCALES—64-080

Exact Weight Scale Co., The
Hydroway Scales, Inc.

SCRAP CHOPPERS (see Choppers, Scrap)

SCRAPERS, PORTABLE ELECTRIC—73-130

Borel & Dunner

SCRAPERS, PORTABLE PNEUMATIC—71-140

Borel & Dunner

SCREW DRIVER BITS (see Bits, Screw Driver)

SCREW DRIVERS, PORTABLE—71-020

Airetool Mfg. Co., The
Albertson & Co., Inc.
Aro Equipment Corp., The
Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Div.
Gardner-Denver Co.
Haskins Co., R. G.
Ingersoll-Rand Co.
Jo-Line Tools, Inc.
Master Pneumatic Tool Co., Inc.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Newage Industries, Inc.
Remington Arms Co., Inc.
Rotor Tool Co., The
Scully-Jones & Co.
Snap-on Tools Corp.
Stevens Walden, Inc.
Supreme Products Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.

SCREW DRIVING MACHINES—57-011

Black & Decker Mfg. Co., The
Bristol Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Div.
Detroit Power Screwdriver Co.

PRODUCTS

SCREW DRIVING MACHINES (cont.)

Dixon Automatic Tool, Inc.
Gardner-Denver Co.
Gray Equipment Co.
Illinois Tool Works
Ingersoll-Rand Co.
Remington Arms Co., Inc.
Rotor Tool Co., The
Thor Power Tool Co.

SCREW THREAD INSERTS (see Inserts, Screw Thread)

SCREWS—91-011

Active Screw & Mfg. Co.
Allen Mfg. Co.
Aluminum Co. of America
American Screw Co.
Bristol Co., The
Bultool Co.
Chase Brass & Copper Co.
Cleveland Cap Screw Co., The
Continental Screw Co.
Danyl Machine Specialties, Inc.
Detroit Die Set Corp.
Eaton Mfg. Co., Reliance Div.
Ferry Screw Products, Inc., E. W., The
Halo-Krom Screw Corp., The
Jergens Tool Specialty Co.
Jerpak-Bayless Co.
Lamson & Sessions Co., The
Mac-It Parts Co.
National Screw & Mfg. Co., The
Northwestern Tools, Inc.
Nyllok Corp., The
Ottomiller Co., Wm. H., The
Parker Kalon Div.
Pawtucket Mfg. Co.
Pheoli Mfg. Co.
Precision Nut Co.
R and L Tools
Russell, Burdall & Ward Bolt & Nut Co.
Set Screw & Mfg. Co.
Simmons Fastener Corp.
Standard Pressed Steel Co.
Standard Screw Co.
Tietzmann Tool Corp.
Torrington Co., The
Townsend Co.
Westfield Metal Products Co., Inc.
West Point Mfg. Co.

SCRIBERS & DIVIDERS (see Dividers & Scribes)

SEALING COMPOUNDS—04-250

American Sealants Co.
Armite Laboratories
Lake Chemical Co.
Minnesota Mining & Mfg. Co.

SEALS & PACKINGS (see Packings & Seals)

SEAMING TOOLS—23-058

Billings & Spencer Co., The
Eriez Mfg. Co.
Porter, Inc., H. K.

SEPARATORS AND FILTERS, COOLANT (see Filters & Separators, Coolant)

SEPARATORS, LUBRICANT—12-117

Inflico, Inc.

SEPARATORS, PARTS FROM SCRAP—83-035

McKenzie Eng. Co., The
Rampe Mfg. Co.
Speed-D-Burr Corp.

SHAFTS & DETAILS, FLEXIBLE—83-017

Elliott Mfg. Co., Inc., B. W.
Foredom Electric Co., Inc.
Haskins Co., R. G.
Hewitt-Robins, Inc.
Jarvis Corp.
Link-Belt Co.
Lovejoy Flexible Coupling Co.
Lord Mfg. Co.
Martindale Electric Co.
Pratt & Whitney Co., Inc.
Remington Arms Co., Inc.
Stow Mfg. Co.
Strand Flexible Shaft, Inc., N. A.

SHAFTS & DETAILS, RIGID—83-018

Bedford Gear & Machine Products, Inc.

Bultool Co.
Cumberland Steel Co.
Curtis Universal Joint Co., Inc.
DeKalb Precision Industries
Dieffendorf Gear Corp.
International Nickel Co., Inc., The
Lamina Dies & Tools, Inc.
Link-Belt Co.
Mercuria Co.
Mooradian Mfg. Co.
Nebel Machine Tool Corp.
Payne Tool and Engineering Co., The
Roll Formed Products Co.
Ryersford Foundry & Machine Co., Inc.
South Bend Lathe Works
Thomson Industries, Inc.

SEPARATORS, STOCK—22-190

De Laval Separator Co., The
Durant Tool Co.
Fidelity Machine Tool, Inc.
Metal Parts Sales Co.
Montgomery & Co., Inc.
Nielsen, Inc., E. V.
Rowe Machinery & Mfg. Co.
Sahlin Engineering Co., Inc.
Taylor-Winfield Corp.
Wilson Automation Co.

SHAPERS—11-210

Austin Industrial Corp.
Barer Eng. & Machinery Co., Ltd.
Cincinnati Shaper Co., The
Coul & Eberhardt, Inc.
Gemco Shaper Co.
Jersey Mfg. Co.
Logan Engineering Co.
Mesta Machine Co.
Pratt & Whitney Co., Inc.
Rockford Machine Tool Co.
Sheidon Machine Co., Inc.
South Bend Lathe Works
Western Mach. Tool Works

SHAPING MACHINES, GEAR (see Gear Shaping Machines)

SHEAR BLADES (see Blades, Shear)

SHEARS & BRAKES, MECHANICAL (see Brakes & Shears, Mechanical)

SHEARS, SQUARING—21-152

Fanco Machine Co.
Lodge & Shipley Co., The

SHEARS, THROATLESS—21-154

Beverly Shear Mfg. Co.

SHEET METAL WORKING MACHINES—21-150

Aaron Machinery Co., Inc.
American Pullmax Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Benchmark Mfg. Co.
Bentley Industrial Corp.
Berkroy Products Co.
Chambersburg Engineering Co.
Diamond Machine Tool Corp.
Fanco Machine Co.
Heinrich Tools, Inc.
Hendley & Whittemore Co.
Kenco Mfg. Co.
Lennox Tool & Machine Builders
Marchant Machining Corp.
Miller Knuth Mfg. Co.
Modern Mfg. Co., Inc.
Niagara Machine & Tool Works
Nuclear Products - Ereo
O'Neill-Irwin Mfg. Co.
Peck, Stow & Wilcox Co., The
Richards Co., J. A.
Ryerson & Son, Inc., Joseph T.
S & S Machinery Co.
Sahlin Engineering Co., Inc.
Seerest Machine Co.
Seewald, Inc.
Beverly Shear Mfg. Co.
Stueck, Inc., W. Whitney
Taylor-Winfield Corp.
Tech-Pacific Corp.
Wales Stripit, Inc.
Ward Machinery Co., Inc.
Whitney Mfg. Co., W. A.

Whitney Metal Tool Co.
Wysong and Miles Co.

SHEET METAL TOOLS—23-140

Bentley Industrial Corp.
Berkroy Products Co.
Billings & Spencer Co., The
Furane Plastics, Inc.
Jemco Tool Corp.
Metal Carbides Corp.
Niagara Machine & Tool Works
Nielsen, Inc., E. V.
Nulpa Manufacturing Co., Div. of New Plastic Corp.
Peck, Stow & Wilcox Co., The
Sahlin Engineering Co., Inc.
Beverly Shear Mfg. Co.
Superior Pneumatic & Mfg., Inc.
Taylor-Winfield Corp.
Tech-Pacific Corp.
Thor Power Tool Co.
Wales Stripit, Inc.
Ward Machinery Co., Inc.
Whitney Mfg. Co., W. A.
Whitney Metal Tool Co.

SHIMSTOCK—91-110

Artus Corp., The
Detroit Stamping Co.
Laminated Shim Co., Inc.

SHOT, BARREL FINISHING—46-024

Abbot Ball Co., The
Globe Steel Abrasive Co., The
Indiana Copper Corp.
Kramer Co., Inc., H. W.
Lord Chemical Corp.
Metal Finish, Inc.
Metal Parts Sales Co.
Mido Products
Tammis Industries Co.
Techline Div.
Tumb-L-Matic, Inc.

SILVER—02-060

American Smelting & Refining Co.
Belmont Smelting & Refining Works, Inc.
Eutectic Welding Alloys Corp.
Handy & Harman
Mallory & Co., Inc., P. R.
Miller Co., The

SINE BARS & PLATES—63-095

AA Gage Co.
Bald Eagle Corp., Bald Eagle Products Div.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Cleveland Universal Jig Co., The
DoAll Co., The
Hanchett Magna-Lock Corp.
Karnotis Precision Prod., Inc.
Lassy Tool Co.
Machine Products Corp.
Montgomery & Co., Inc.
Robbins Co., Omer E.
Scherr Co., Inc., George
Sheffield Corp., The
Taft-Peirce Mfg. Co., The
Universal Vise & Tool Co.
Vilter Co., E. F.

SLEEVES, PUNCH SUPPORT—22-220

Durable Punch & Die Co.

SLEEVES, TOOLHOLDER—12-154

B. S. A. Tools, Ltd.
Beaver Tool & Engineering Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Collis Co., The
DoAll Co., The
Glenzer Co., J. C., The
Madison Tool & Supply Co.
Morse Twist Drill & Machine Co.
National Twist Drill & Tool Co.
Pratt & Whitney Co., Inc.
Precision Twist Drill & Mach. Co.
Scully-Jones & Co.
Seibert & Sons, Inc.
Union Twist Drill Co.
United States Rubber Co.

SLIDE RULES—92-020

Bruning Co., Inc., Charles
Dietzen Co., Eugene
Testing Machines, Inc.

SLIDES & FEEDS—12-190

Gilman, Inc., Russell T.
Standard Electrical Tool Co., The

SLITTERS—21-162

American Roller Die Corp.
Case Maul Mfg. Co., Inc.
Kane & Roach, Inc.
Hafter Machine Co., Inc.
Tishkin Products Co.
Yoder Co., The
Waterbury Farrel Fdry. & Mach. Co.,
The

SLITTING ROLLS (see Rolls, Slitting)

**SLOTING ATTACHMENTS,
MILLING—12-133**

Aaron Machinery Co., Inc.
American Cutter & Engineering Corp.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Cincinnati Milling Machine Co.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Greaves Machine Tool Div.
Index Industrial Corp.
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Kemp Smith Machine Co.
Knight Machinery Co., W. B.
Sheppard, Stanley
Sigma Machinery, Inc.
Standard-Modern Tool Co., Ltd.
Van Norman Machine Co.

SOLDER—04-200

All-State Welding Alloys Co., Inc.
Cerro De Pasco Sales Corp.
Eutectic Welding Alloys Corp.
Kester Solder Co.
Okun Co., Inc., A. L.

SOLDERING ACCESSORIES—53-030

Aeroprojects, Inc.
Aluminum Co. of America
Chemical Development Corp.
du Pont de Nemours & Co., Inc., E. I.
Eutectic Welding Alloys Corp.
Mico Instrument Co.
Ben Plastics, Inc.
Smith Welding Equip. Corp.
Superior Flux & Mfg. Co.
Youngberg Bros.

SOLDERING EQUIPMENT, FLAME—53-010

American Gas Furnace Co.
Dockson Corp.
Hones, Inc., Charles A.
Linde Co.
Meta-Dynamics Div., Cincinnati
Milling & Grinding Machines, Inc.
Selas Corp. of America
Smith Welding Equip. Corp.
Weldit, Inc.
Youngberg Bros.

SOLDERING GUNS, ELECTRIC—53-020

Elsler Engineering Co., Inc.
General Electric Co.
Ideal Industries, Inc.
Luma Electric Equipment Co., The
Snap-on Tools Corp.
Vemaline Products Co.

SOLENOID PUNCHES—21-190

High Speed Hammer Co., Inc.

SOLUTIONS, PLATING—04-140

American Smelting & Refining Co.
Hanson-Van Winkle-Munning Co.
Lee-Michigan, Inc.
Munning & Munning, Inc.
National File Co.
Udylite Corp., The
Westinghouse Electric Corp.

**SOLUTIONS, PROTECTIVE
COATING—04-151**

Anderson Oil & Chemical Co., Inc.
Bel-Ray Co., Inc.
Daubert Chemical Co.
Esso Standard Oil Co.
Fidelity Chemical Products Corp.
Gulf Oil Corp.
International Chemical Co., Inc.
Kerns Co., L. R.
Keystone Lubricating Co.
Macco Products Co., The
Magnus Chemical Co., Inc.
Markal Co.
Metal Lubricants Co.
Mido Products
Miller Corp., Harry
Oakite Products, Inc.
Queens Tool Mfg. Co., Inc.
Rick-Lick, Inc.
Sanson & Sons, Inc., Henry E.
Stuart Oil Co., Ltd., D. A.
Texas Co., The
Valvoline Oil Co.
White & Bagley Co., The
Wilbur & Williams Co., Inc.

SOLVENTS—04-180

Anderson Oil & Chemical Co., Inc.
Atlantic Refining Co., The
Barco Chemical Products Co.
Blakeslee & Co., G. S.
Chemical Development Corp.
Circo Equipment Co.
Detrex Chemical Industries, Inc.
Dow Chemical Co., The
du Pont de Nemours & Co., Inc., E. I.
Esso Standard Oil Co.
Gulf Oil Corp.
Gunk Laboratories, Inc.
International Chemical Co., Inc.
Jones & Laughlin Steel Corp.
Macco Products Co., The
Magnus Chemical Co., Inc.
Metal Lubricants Co.
Mido Products
National Refining Co., Div. Ashland
Oil & Refining Co.
National Ultrasonic Corp.
Oakite Products, Inc.
Okun Co., Inc., A. L.
Phillips Mfg. Co.
Practical Mfg. Co.
Sanson & Sons, Inc., Henry E.
Shell Chemical Corp.
Shell Oil Co.
Sinclair Refining Co.
Standard Oil Co. of California
Stevens, Inc., Frederic B.
Sun Oil Co.

SPACERS, ARBOR—12-135

Aaron Machinery Co., Inc.
American Cutter & Engineering Corp.
Heaver Tool & Engineering Corp.
Detroit Stamping Co.
Giddings & Lewis Machine Tool Co.
Ingersoll Milling Machine Co.
Kemp Smith Machine Co.
Montgomery & Co., Inc.
Pratt & Whitney Co., Inc.
Scully-Jones & Co.
Standard-Modern Tool Co., Ltd.
Troyke Mfg. Co.
Universal Vise & Tool Co.
Van Norman Machine Co.

SPADE DRILLS (see Core & Spade Drills)

SPEED CHANGERS (see Changers, Speed)

SPEEDERS, DRILL LATHE—12-184

Ward-Riddle Co.

**SPINDLE NOSE ATTACHMENTS,
LATHE—12-101**

Hardinge Brothers, Inc.
Jones & Lamson Machine Co.
Universal Vise & Tool Co.

SPINDLES, DRILLING—12-141

AA Gage Co.
Brush Machine Tool Co.
Buckeye Tools Corp.
Century Detroit

Cincinnati Electrical Tool Co., The
Cross Co., The
Drillimation Co., Inc.
Electro-Mechano Co., The
Farnham Div., The Wiesner-Rapp
Co., Inc.
Gilman, Inc., Russell T.
Hill Machine Co.
Hofer Mfg. Co.
Hypneumat, Inc.
Johansson Co., I. O.
Krueger-Barnes Corp.
Lamb Co., F. Jos.
Michigan Drill Head Co.
Mooradian Mfg. Co.
National Automatic Tool Co., Inc.
Onarud Machine Works, Inc.
Seibert & Sons, Inc.
Snow Mfg. Co.
Standard Electrical Tool Co., The
Standard-Modern Tool Co., Ltd.
Thompson Mfg. Co., Earl A.
Veet Industries
Viliter Co., E. F.
Walker-Turner Div.
Whitton Mfg. Co., The
Wisconsin Drill Head Co.

SPINDLES, HIGH SPEED, EXTERNAL—12-144

AA Gage Co.
Cincinnati Electrical Tool Co., The
Drillimation Co., Inc.
Dumore Co., The
Ex-Cell-O Corp.
Gilman, Inc., Russell T.
Hisey-Wolf Machine Co., The
Industrial Tool Service
Middlestadt Machine Co., The
Onarud Machine Works, Inc.
Sopko & Sons Co., Wm.
Standard Electrical Tool Co., The
Taft-Pierce Mfg. Co., The
Thompson Mfg. Co., Earl A.
Whitton Mfg. Co., The

SPINDLES, GRINDING—12-142

AA Gage Co.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Cincinnati Electrical Tool Co., The
Dumore Co., The
Enterprise Machine-Parts Corp.
Ex-Cell-O Corp.
Heald Machine Co., The
Hisey-Wolf Machine Co., The
Industrial Tool Service
McGonegal Mfg. Co., The
Mooradian Mfg. Co.
Pratt & Whitney Co., Inc.
Precise Products Corp.
Raybestos-Manhattan, Inc.
Sopko & Sons Co., Wm.
Standard Electrical Tool Co., The
Thompson Mfg. Co., Earl A.
Torrington Co., The
U. S. Electrical Tool Co.
Von Arnault Co., W.
Whitton Mfg. Co., The

SPINDLES, HIGH SPEED, INTERNAL—12-143

AA Gage Co.
Cincinnati Electrical Tool Co., The
Columbia International Corp.
Drillimation Co., Inc.
Ex-Cell-O Corp.
Dumore Co., The
Gilman, Inc., Russell T.
Heald Machine Co., The
Hisey-Wolf Machine Co., The
Industrial Tool Service
Johnson & Bassett, Inc.
Middlestadt Machine Co., The
Onarud Machine Works, Inc.
Precise Products Corp.
Pratt & Whitney Co., Inc.
Sopko & Sons Co., Wm.
Standard Electrical Tool Co., The
Thompson Mfg. Co., Earl A.
Whitton Mfg. Co., The

**SPINDLES, HIGH SPEED,
MOTORIZED—12-145**

AA Gage Co.
Cincinnati Electrical Tool Co., The
Drillimation Co., Inc.
Electro-Mechano Co., The
Ex-Cell-O Corp.

PRODUCTS

SPINDLES, HIGH SPEED, MOTORIZED—12-145 (cont.)

Futurmill, Inc.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Heald Machine Co., The
Hisey-Wolf Machine Co., The
Hypneumat, Inc.
Industrial Tool Service
Lamb Co., F. Jos.
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Precise Products Corp.
Royal Oak Tool & Mach. Co.
Sopko & Sons Co., Wm.
Standard Electrical Tool Co., The
Taft-Peirce Mfg. Co., The
Thompson Mfg. Co., Earl A.
U. S. Electrical Tool Co.
Whitton Mfg. Co., The

SPINDLES, MILLING—12-148

Aaron Machinery Co., Inc.
Agnew Machine Co.
American Cutter & Engineering Corp.
Arrow Engineering Co., Inc.
Barker Engineering Co.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Chicago-Latrobe
Cincinnati Electrical Tool Co., The
Cross Co., The
Ekstrom Carlson & Co.
Farnham Div.
Futurmill, Inc.
Gilman, Inc., Russell T.
Hisey-Wolf Machine Co., The
Hypneumat, Inc.
Johnson & Bassett, Inc.
Kearney & Trecker Corp.
Lamb Co., F. Jos.
Montgomery & Co., Inc.
Onarud Machine Works, Inc.
Precise Products Corp.
Standard Electrical Tool Co., The
Standard-Modern Tool Co., Ltd.
True-Trace Sales Corp.
U. S. Electrical Tool Co.
Universal Engineering Co.
Vet Industries
Viking Tool Co., Inc., The
Whitton Mfg. Co., The

SPINDLES, PRECISION BORING—12-146

AA Gage Co.
Barnes Co., W. F. and John
Beaver Tool & Engineering Corp.
Briney Mfg. Co.
Cincinnati Electrical Tool Co., The
Cleveland Instrument Co.
Drillimation Co., Inc.
Dumore Co., The
Erinac Equipment Corp.
Ext-Cell-O Corp.
Giddings & Lewis Machine Tool Co.
Gilman, Inc., Russell T.
Hisey-Wolf Machine Co., The
Hypneumat, Inc.
Micrometrical Mfg. Co.
Mooradian Mfg. Co.
Onarud Machine Works, Inc.
Precise Products Corp.
Simplex Machine Tool Corp.
Standard Electrical Tool Co., The
U. S. Electrical Tool Co.
Vulcan Tool Co.
Waltham Machine Works, Inc.
Whitton Mfg. Co., The

SPINDLES, TAILSTOCK—12-149

American Cutter & Engineering Corp.
Hypneumat, Inc.
Nielsen, Inc.
Thompson Mfg. Co., Earl A.

SPINNING LATHES (see Lathes, Spinning)

SPINNING ROLLERS—23-053

Black Drill Co.
Crafts Co., Inc., Arthur A.
Furane Plastics, Inc.
High Speed Hammer Co., Inc., The
Precision Detroit Co., Inc.
R and L Tools
Schmarje Tool Co.
Schultes Level, Inc.

SPINNING TOOLS—23-054

American Cutter & Engineering Corp.
Black Drill Co.
Boice-Crane Co.
Brubaker Tool Corp.
Carbide Tools, Inc.
Crafts Co., Inc., Arthur A.
Hill, Inc., Walter P.
Inter-Lakes Engineering Co.
Madison-Fressler Tool Co.
Madison-Reico Tool Co.
Oliver Machinery Co.
Schultes Level, Inc.

SPLINE ARBORS & CHUCKS (see Arbors & Chucks, Spline)

SPLINE HOBBIING MACHINES—11-068

Lees-Bradner Co., The

SPOTFACING TOOLS & COUNTERBORES (see Counterbores & Spotfacing Tools)

SPRAY GUNS & ACCESSORIES—45-012

Alemite Div., Stewart Warner Corp.
Conforming Matrix Corp.
DeVilbiss Co., The
Eclipse Air Brush Co.
Furane Plastics, Inc.
Scientific Electric, Inc.

SPRAY PAINTING BOOTH EQUIPMENT (see Painting Booth Equipment, Spray)

SPRAYING EQUIPMENT, METAL (see Metal Spraying Equipment)

SPRING COILERS (see Coilers, Spring)

SPRINGS, BELLVILLE—91-044

Neise, Karl A.

SPRINGS, DIE—22-050

Associated Spring Corp.
Bliss Co., E. W.
Danly Machine Specialties, Inc.
Detroit Die Set Corp.
Elgin National Watch Co.
Neise, Karl A.
Product Machine Co., The
Raymond Mfg. Div.
Richard Brothers Punch Div.
Standard Die Set Co.
Superior Steel Products Corp.
Taylor Devices, Inc.
Union Mfg. Co.
Whistler & Sons, Inc., S. B.

SPRINGS, HELICAL—91-041

Accurate Spring Mfg. Co.
American Steel & Wire Div., United States Steel
Associated Spring Corp.
Colorado Fuel & Iron Corp., The
Crucible Steel Co. of America
Elgin National Watch Co.
Hardware Products Co.
Raymond Mfg. Div.

SPRINGS, LEAF—91-042

Accurate Spring Mfg. Co.
Crucible Steel Co. of America
Elgin National Watch Co.
Sandvik Steel, Inc.

SPRINGS, SPECIAL FORM—91-043

Accurate Spring Mfg. Co.
American Steel & Wire Div., United States Steel
Associated Spring Corp.
Carroll Pressed Metal, Inc.
Colorado Fuel & Iron Corp., The
Crucible Steel Co. of America
Elgin National Watch Co.
Pie Design Corp.
Raymond Mfg. Div.
United States Rubber Co.
Sandvik Steel, Inc.

SPRING TESTING MACHINES—64-020

Aaron Machinery Co., Inc.
Dillon & Co., Inc., W. C.
Link Engineering Co.
Radio Corp. of America

RCA Industrial & Machine Tool Operations
Testing Machines, Inc.
Tinius Olsen Testing Machine Co.

SQUARES, MECHANIC'S—74-034

Brown & Sharpe Mfg. Co., Industrial Products Div.
Bruning Co., Inc., Chares
Lufkin Rule Co.
Machine Products Corp.
Montgomery & Co., Inc.
Starrett Co., L. S., The
Taft-Peirce Mfg. Co., The
Tubular Micrometer Co.

SQUARING SHEARS (see Shears, Squaring)

STAGES, MEASURING—63-078

Stocker & Yale, Inc.

STAINLESS STEELS (see Steels)

STAKING ACCESSORIES—56-020

Garvin Brothers, Inc.

STAKING MACHINES—56-010

Acme Broach Corp.
Air Hydraulics, Inc.
Black & Webster, Inc.
Connecticut Tool & Engineering Co.
Defiance Machine & Tool Co.
Federal Machine & Welder Co., The
Grand Specialties Co.
Gray Equipment Co.
High Speed Hammer Co., Inc., The
Hill Machine Co.
Hirschmann Co., Inc., Carl
Inter-Lakes Engineering Co.
Production Devices, Inc.
Sundstrand Machine Tool Co.
Townsend Mfg. Co., H. P., The
Tubular Rivet & Stud Co.

STAKING TOOLS—56-030

Acme Broach Corp.
American Standard Co.
Coffey-Cummins Mfg. Co.
Garvin Brothers, Inc.
Glenbard Tool Mfrs., Inc.
Payne Tool and Engineering Co., The

STEP DRILLS (see Drills, Step)

STEEL PLATE, GROUND—01-021

Capewell Mfg. Co., The
Crucible Steel Co. of America
Dixton Div., H. K. Porter Co., Inc.
Lukens Steel Co.
Marshall Steel Co.
Milne & Co., Inc., A.
Ryerson & Son, Inc., Joseph T.
Sal Metal Products Co.
Standard Die Set Co.
U. S. Steel Supply Div.
Vanadium-Alloys Steel Co.

STEEL PLATE, SEMIFINISHED—01-022

Allegheny Ludlum Steel Corp.
Armco Steel Corp.
Crucible Steel Co. of America
Dixton Div., H. K. Porter Co., Inc.
General Metals, Inc.
Heppenstall Co.
Inland Steel Co.
Lukens Steel Co.
Republic Steel Corp.
Sharon Steel Corp.
U. S. Steel Supply Div.
United States Steel Corp.
Vanadium-Alloys Steel Co.
Wheelock, Lovejoy & Co., Inc.

STEEL ROD, GROUND—01-023

Allegheny Ludlum Steel Corp.
Carpenter Steel Co., The
Crucible Steel Co. of America
Cumberland Steel Co.
DeKalb Precision Industries
General Metals, Inc.
Marshall Steel Co.
Pittsburgh Tool Steel Wire Div.
Ryerson & Son, Inc., Joseph T.
U. S. Steel Supply Div.
Vanadium-Alloys Steel Co.
Wheelock, Lovejoy & Co., Inc.

STEEL ROD, SEMIFINISHED—01-024

Allegheny Ludlum Steel Corp.
Carpenter Steel Co., The
Crucible Steel Co. of America
De Van - Johnson Co.
General Metals, Inc.
Inland Steel Co.
Jones & Laughlin Steel Corp.
La Salle Steel Co.
Milne & Co., Inc., A.
Republic Steel Corp.
Sharon Steel Corp.
U. S. Steel Supply Div.
Vanadium-Alloys Steel Co.
Wheelock, Lovejoy & Co., Inc.

STEEL SHEET—01-025

Allegheny Ludlum Steel Corp.
Armco Steel Corp.
Bethlehem Steel Co.
Crucible Steel Co. of America
General Metals, Inc.
Inland Steel Co.
Jones & Laughlin Steel Corp.
Republic Steel Corp.
Ryerson & Son, Inc., Joseph T.
Sharon Steel Corp.
U. S. Steel Supply Div.
United States Steel Corp.
Vanadium-Alloys Steel Co.
Weirton Steel Co. Div.

STEEL SHOT—01-026

Vanadium-Alloys Steel Co.
Wheelabrator Corp.

STEEL STRIP—01-027

Acme Steel Co.
Allegheny Ludlum Steel Corp.
American Steel & Wire Div., United States Steel
Armco Steel Corp.
Bethlehem Steel Co.
Carpenter Steel Co., The
Crucible Steel Co. of America
General Metals, Inc.
Inland Steel Co.
Jones & Laughlin Steel Corp.
Republic Steel Corp.
Ryerson & Son, Inc., Joseph T.
Sandvik Steel, Inc.
Sharon Steel Corp.
U. S. Steel Supply Div.
United States Steel Corp.
Weirton Steel Co. Div.

STEEL, STRUCTURAL—01-010

Acorn Iron & Supply Co.
Baldwin-Lima-Hamilton Corp., Eddystone Div.
Bethlehem Steel Co.
General Metals, Inc.
Inland Steel Co.
Jones & Laughlin Steel Corp.
Lukens Steel Co.
Mahon Co., R. C., The
Ryerson & Son, Inc., Joseph T.
Spuck Iron & Foundry Co.
Storack Corp.
U. S. Steel Supply Div.
United States Steel Corp.
Weirton Steel Co. Div.

STEEL TUBING—01-028

Allegheny Ludlum Steel Corp.
Armco Steel Corp.
Bethlehem Steel Co.
Carpenter Steel Co., The
Centrifugally Cast Products Div., The
Shenango Furnace Co.
Crucible Steel Co. of America
Janney Cylinder Co.
Jones & Laughlin Steel Corp.
Ohio Seamless Tube Div.
Republic Steel Corp.
Roll Formed Products Co.
Ryerson & Son, Inc., Joseph T.
Sandvik Steel, Inc.
Superior Tube Co.
Timken Roller Bearing Co., The
U. S. Steel Supply Div.
United States Steel Corp.
Vanadium-Alloys Steel Co.

STEEL WIRE—01-029

Allegheny Ludlum Steel Corp.

American Steel & Wire Div., United States Steel
Armco Steel Corp.
Bethlehem Steel Co.
Carpenter Steel Co., The
Crucible Steel Co. of America
Eaton Mfg. Co., Reliance Div.
Jones & Laughlin Steel Corp.
Republic Steel Corp.
Ryerson & Son, Inc., Joseph T.
United States Steel Corp.
Vanadium-Alloys Steel Co.

STEELS, STAINLESS—01-040

Allegheny Ludlum Steel Corp.
American Steel & Wire Div., United States Steel
Armco Steel Corp.
Bethlehem Steel Co.
Brush Beryllium Co., The, Pennroid Div.
Carpenter Steel Co., The
Chase Brass & Copper Co.
Crucible Steel Co. of America
Extrusions, Inc.
Firth Sterling, Inc.
General Metals, Inc.
Green River Steel Corp., Subsidiary of Jessop Steel Co.
Janney Cylinder Co.
Jessop Steel Co.
Jones & Laughlin Steel Corp.
Knaupp & Sons, C. B.
Latrobe Steel Co.
Mallory & Co., Inc., P. R.
Marathon Specialty Steels, Inc.
Myr Sheet Metal Ind., Inc., Arthur B.
Republic Steel Corp.
Ryerson & Son, Inc., Joseph T.
Sharon Steel Corp.
Superior Tube Co.
Timken Roller Bearing Co., The
U. S. Steel Supply Div.
United States Steel Corp.
Universal-Cyclops Steel Corp.

STEELS, TOOL—01-030

Allegheny Ludlum Steel Corp.
American Saw & Mfg. Co.
Bethlehem Steel Co.
Boyd-Wagner Co.
Braeburn Alloy Steel Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Carpenter Steel Co., The
Columbia Tool Steel Co.
Crucible Steel Co. of America
Delaware Tool Steel Corp.
DoAll Co., The
Firth Sterling, Inc.
Green River Steel Corp., Subsidiary of Jessop Steel Co.
Heppenstall Co.
Jessop Steel Co.
Jones & Laughlin Steel Corp.
Latrobe Steel Co.
Marathon Specialty Steels, Inc.
Marshall Steel Co.
Milne & Co., Inc., A.
Peterson Steels, Inc.
Pittsburgh Tool Steel Wire Div.
Republic Steel Corp.
Ryerson & Son, Inc., Joseph T.
Superior Steel Products Corp.
Superior Tube Co.
Timken Roller Bearing Co.
Uddeholm Co. of America, Inc.
Universal-Cyclops Steel Corp.
U. S. Steel Supply Div.
Vanadium-Alloys Steel Co.
Vulcan-Kidd Steel Div.
Wheelock, Lovejoy & Co., Inc.
Ziv Steel & Wire Co.

STOCK GUIDE (see Guides, Stock)

STOCK OILERS (see Oilers, Stock)

STOCK REELS (see Reels, Stock)

**STOCK SEPARATORS
(see Separators, Stock)**

**STOCK STRAIGHTENERS
(see Straighteners, Stock)**

STRAIGHT EDGES, MECHANIC'S—74-035

Brown & Sharpe Mfg. Co., Industrial Products Div.

Bruning Co., Inc., Charles
Lawley Granite Surface Plate Co., Inc.
Lufkin Rule Co.
Machine Products Corp.
Starrett Co., L. S., The
Taft-Peirce Mfg. Co., The

STRAIGHTENERS, SHAFT—21-161

Anderson Bros. Mfg. Co.
Gargill Detroit Corp.
Industrial Metal Products Corp.
Sutton Engineering Co.

STRAIGHTENERS, STOCK—22-140

Aaron Machinery Co., Inc.
Acme-Danneman Co., Inc.
Automatic Feed Co.
Benchmaster Mfg. Co.
Bliss Co., E. W.
Brandes Press Co., The
Cooper Weymouth, Inc.
Dahlstrom Machine Works, Inc.
Dickerman Mfg. Co., H. E.
Durant Tool Co.
Emhart Mfg. Co.
Fidelity Machine Tool, Inc.
La Bahn Roll Feed Corp.
Lewis Machine Co., The
Littell Machine Co., F. J.
McKay Machine Co., The
Mettler Machine Tool, Inc.
Montgomery & Co., Inc.
Nilson Machine Co., A. H., The
Patterson Machine Co., Geo. C., The
Perkins Machine Co.
Rowe Machinery & Mfg. Co.
Secrest Machine Co.
Sesco, Inc.
Special Engineering Service, Inc.
Sperman Metal Specialties
Tishken Products Co.
U. S. Tool Co., Inc.
United Machinery Sales Co.
Witteck Mfg. Co.

**STRETCH FORMING DIES
(see Forming Dies, Stretch)**

STRETCH FORMING MACHINES—21-070

Arrowsmith Tool & Die Corp.
Cyril Bath Co., The
Clearing Div. of U. S. Industries
Greenerd Arbor Press Co.
Hufford Corp., The
Pacific Industrial Mfg. Co.
Taylor-Winfield Corp.

STRIPPERS, PUNCH—22-040

Campbell Contour Attachment Co., Inc.
Ring Punch & Die, Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Taylor Devices, Inc.
Toolset, Inc.
Wales Strippl, Inc.
Whistler & Sons, Inc., S. B.
Whitney Metal Tool Co.

STROBOSCOPIC EQUIPMENT—64-071

General Radio Co.
Stricht Co., Inc., Herman H.

STRUCTURAL STEEL (see Steel)

STUDS—91-013

Bethlehem Steel Co.
Bultool Co.
Campbell Contour Attachment Co., Inc.
Carr Lane Mfg. Co.
Chase Brass & Copper Co.
Cleveland Cap Screw Co., The
Crayton Co., F. M.
Harco Engineering
Hassell, Inc., John
Hi-Shear Rivet Tool Co.
Jergens Tool Specialty Co.
Jerpak-Bayless Co.
Mac-It Parts Co.
Mahon Co., R. C., The
Monroe Engineering Products, Inc.
Morton Machine Works
Nelson Stud Welding
Northwestern Tools, Inc.
Ottemiller Co., Wm. H., The
Penn Engineering & Mfg. Corp.
Pheoll Mfg. Co.

PRODUCTS

STUDS—91-013 (cont.)

Fic Design Corp.
Podlin Tool Co.
Reid Tool Supply Co.
Remington Arms Co., Inc.
Rusan, Inc.
Standard Screw Co.
Standard Parts Co.
Standard Parts Co.
Tietzmann Tool Corp.
Tomeo, Inc.
Tubular Rivet & Stud Co.
West Point Mfg. Co.

SUBLAND DRILLS (see Drills, Subland)

SUPERFINISHING MACHINES—11-098

Gisholt Machine Co.

SURFACE COATING EQUIPMENT, SPECIAL—45-070

DeVilbiss Co., The
Fidelity Chemical Products Corp.
Fidelity Machine Tool, Inc.
High Vacuum Equipment Corp.
Industrial Washing Machine Corp.
Mitchell Specialty Div.
Stevens, Inc., Frederic B.
Wall-Colmonoy Corp.
Wean Equipment Corp.

SURFACE FINISH MEASURING MACHINES—63-030

Airborne Instruments Laboratory
Brush Instruments, Div.
Cleveland Instrument Co.
Electro-Autosizing Machine Corp.
Engle Equipment Co.
Erb & Gray Scientific, Inc.
Ereona Corp.
H B Tool Co.
Johansson Co., C. E.
Micrometrical Mfg. Co.
Opto Metric Tools, Inc.
Swedish Gage Co.
Zelus, Inc., Carl

SURFACE PLATES—63-096

A-K Tool Co.
Accurite Surface Plate Co.
Acme Tool Corp.
Acorn Iron & Supply Co.
American Standard Co.
Atlantic Machine Tool Works, Inc.
Boice Gages, Inc.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Busch Co., J. C.
Challenge Machinery Co., The
Collins Microflat Co.
Danly Machine Specialties, Inc.
DoAll Co., The
East Shore Machine Products Co., The
Elkro Co., The
Ernsac Equipment Corp.
Fidelity Machine Tool, Inc.
Inspection Devices Co., Inc.
Kaiser Aluminum & Chemical Sales, Inc.
Lawley Granite Surface Plate Co., Inc.
Machine Products Corp.
Mojave Granite Co.
Oliver Machinery Co.
Pratt & Whitney Co., Inc.
Precision Processing Co.
Rahn Granite Surface Plate Co.
Red Seal Metals Co.
Ren Plastics, Inc.
Sai Metal Products Co.
Scherr Co., Inc., George
Simonds Saw & Steel Co.
Snow Mfg. Co.
Southern Machine Tool Co.
Stone Co., Herman
Taft-Peircce Mfg. Co., The
Tatra Tool Co.
U. S. Tool Co., Inc.
Van Keuren Co.
Walker-Turner Div.

SWAGING DIES—23-070

Accord Tool & Machine, Inc.
Amco Machine & Tool, Inc.
American Carbide Co.
American Standard Co.
Commercial Die Co.

Eastern Precision Tool & Gage Co.
Faystrom Mfg. Co.
Fenn Mfg. Co., The
Furane Plastics, Inc.
Harig Mfg. Corp.
Holmberg & Co., Inc., August W.
Jahn Mfg. Co., B. The
L & H Die & Tool Co., Inc.
Metal Carbides Corp.
Metallurgical Products Dept., General Electric Co.
New England Die Co., Inc.
Payne Tool and Engineering Co., The
Plew Tool Corp.
S & E Machine Products, Inc.
Staats & Staats, Inc.
Sutton Engineering Co.
Torrington Co., The
Henry Valve Co.
Vogel Tool & Die Corp.

SWAGING MACHINES—21-100

Aaron Machinery Co., Inc.
Abbey Etna Machine Co.
Cincinnati Milling Machine Co.
Fenn Mfg. Co., The
Girard Associates
Hill, Inc., Walter P.
Lemert Engineering Co., Inc.
Meta-Dynamics Div., Cincinnati
Milling & Grinding Machines, Inc.
Sigma Machinery, Inc.
Sutton Engineering Co.
Thompson Mfg. Co., Earl A.
Torrington Co., The
Vall Engineering Co., The
Waterbury Farrel Foundry & Machine Co., The, Div. of Textron, Inc.
Wilson, Inc., K. R.

SWITCHGEAR—81-010

Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
Arrow-Hart & Hegeman Electric Co., The
Automatic Switch Co.
Clark Controller Co., The
Denison Mfg. Co., R. B.
General Electric Co.
Harnischfeger Corp.
I-T-E Circuit Breaker Co.
Induction Heating Corp.
Kirk and Blum Mfg. Co., The
Madison Tool & Supply Co.
Micro Switch
Potter & Brumfield, Inc.
Sahlin Engineering Co., Inc.
Square D Co.
Vamaline Products Co.
Westinghouse Electric Corp.

SYSTEMS, LUBRICATING—12-115

Alemite Div., Stewart Warner Corp.
Arrow Tools, Inc.
Balcrank, Inc.
Bjur Lubricating Corp.
Coolant Equipment Corp.
Drillimation Co., Inc.
Eaton Mfg. Co.
Farval Corp., The
Fauver Co., Inc., J. N.
Gits Bros. Mfg. Co.
Lloyd Tool Corp.
Mansel, Inc.
Oil-Rite Corp.
Thompson Mfg. Co., Earl A.

TACHOMETERS—64-070

Auburn Machine Co.
Sticht Co., Inc., Herman H.
Hones Motorola Corp.
Martindale Electric Co.
Metron Instrument Co.
WacLine, Inc.

TAPHOLDERS (see Toolholders, Tap)

TAPE PREPARATION EQUIPMENT, NUMERICAL—81-036

Bendix Industrial Controls Div.

TAPER ATTACHMENTS, LATHE—12-103

Aaron Machinery Co., Inc.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Graham Machine Tool Co.
Jones & Lamson Machine Co.

M. B. I. Export & Import, Ltd.
Mercuria Co.
Pratt & Whitney Co., Inc.
Seewald, Inc.
South Bend Lathe Works
Standard-Modern Tool Co., Ltd.

TAPES, MEASURING—74-024

AA Gage Co.
Lufkin Rule Co.
Millers Falls Co.
Scherr Co., Inc., George
Starrett Co., L. S., The
Taper Micrometer Corp.

TAPPERS, PORTABLE ELECTRIC—73-140

Thread-All Sales Co.

TAPPERS, PORTABLE PNEUMATIC—71-150

Ingersoll-Rand Co.

TAPPING HEADS (see Heads, Tapping)

TAPPING MACHINES, AUTOMATIC—11-197

Cleerman Machine Tool Corp.

TAPPING MACHINES, HORIZONTAL—11-193

Aaron Machinery Co., Inc.
Baker Brothers, Inc.
Barer Engineering & Machinery Co., Ltd.
Barnes Drill Co.
Beckett-Harcum Co., The
Brush Machine Tool Co.
Burg Tool Mfg. Co., Inc.
Carney-Stansfield Co.
Cleveland Tapping Machine Co.
Cincinnati Bickford Div.
Cross Co., The
Drillimation Co., Inc.
Drillunit, Inc.
Etico Tool & Machine Co., Inc.
Govro-Nelson Co.
Grant Mfg. & Machine Co., The
Hartford Special Machinery Co.
Hause Machine, Inc.
Hill, Inc., Walter P.
Hypneumat, Inc.
Hy-Pro Tool Co.
Kaufman Mfg. Co.
Kaukauna Div.
Krueger-Barnes Corp.
Michigan Drill Head Co.
Morris Machine Tool Co.
Morton Mfg. Co.
National Automatic Tool Co., Inc.
Pottstown Machine Co.
Rickert-Shafer Co.
Snow Mfg. Co.
Sundstrand Machine Tool Co.
Thread-All Sales Co.
Universal-Automatic Corp.
Western Machine Tool Works

TAPPING MACHINES, NUT—11-198

National Machinery Co.
Rem Sales, Inc.
Waterbury Farrel Fdry. & Mach. Co., The

TAPPING MACHINES, RADIAL ARM—11-194

Aaron Machinery Co., Inc.
American Tool Works Co., The
Brush Machine Tool Co.
Buck Mfg. Co.
Burg Tool Mfg. Co., Inc.
Carney-Stansfield Co.
Cincinnati Bickford Div.
Hill Machine Co.
Hirschmann Co., Inc., Carl
Morris Machine Tool Co.
Warner & Swasey Co.

TAPPING MACHINES, SPECIAL PURPOSE—11-196

Aaron Machinery Co., Inc.
Agnew Machine Co.
Alina Corp.
Baker Brothers, Inc.
Barer Engineering & Machinery Co., Ltd.
Barnes Co., W. F. and John

TAPPING MACHINES SPECIAL PURPOSE—11-196 (cont.)

Barnes Drill Co.
Beckett-Harcum Co., The
Bedford Gear & Machine Products, Inc.
Bodine Corp., The
Brush Machine Tool Co.
Burg Tool Mfg. Co., Inc.
Carney-Stansfield Co.
Century Detroit
Cincinnati Bickford Div.
Cleereman Machine Tool Corp.
Cleveland Tapping Machine Co.
Cross Co., The
Drillmatic Co., Inc.
Drillunit, Inc.
Dumore Co., The
Edlund Machinery Co.
Etico Tool & Machine Co., Inc.
Ex-Cell-O Corp.
Expert Welding Machine Co.
Foote-Burt Co., The
Fox Engineering Co.
Gilman, Inc., Russell T.
Globe Tapping Machine Co., The
Greenlee Bros. & Co.
Hartford Special Machinery Co.
Hause Machine, Inc.
Hole Engineering Service
Ingersoll-Rand Co.
Hypneumat, Inc.
Kaufman Mfg. Co.
Krueger-Barnes Corp.
Landis Machine Co.
Le Maire Machine Tool Co.
Michigan Drill Head Co.
Mico Instrument Co.
Modern Industrial Engineering Co.
Moline Tool Co.
Morris Machine Tool Co.
Morton Mfg. Co.
National Automatic Tool Co., Inc.
Pioneer Engineering & Mfg. Co.
Pottstown Machine Co.
Precision Detroit Co., Inc.
Rehnberg-Jacobson Mfg. Co.
Simplex Machine Tool Corp.
Snow Mfg. Co.
Snyder Corp.
Standard-Modern Tool Co., Ltd.
Sundstrand Machine Tool Co.
Supreme Products Corp.
Thread-All Sales Co.
Townsend Mfg. Co., H. P., The
Trio Tool Co.
Universal-Automatic Corp.
Western Machine Tool Works
Wisconsin Drill Head Co.
Zagar, Inc.

TAPPING MACHINES, SINGLE SPINDLE—11-191

Aaron Machinery Co., Inc.
Alina Corp.
B. S. A. Tools, Ltd.
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Beckett-Harcum Co., The
Bolice-Crane Co.
Boyar-Schultz Corp.
Burg Tool Mfg. Co., Inc.
Burgmaster Corp.
Carney-Stansfield Co.
Cincinnati Bickford Div.
Cleereman Machine Tool Corp.
Cleveland Pneumatic Industries, Inc.
Cleveland Tapping Machine Co.
Drillmatic Co., Inc.
Edlund Machinery Co., Div.
Harsco Corp.
Etico Tool & Machine Co., Inc.
Frew Machine Co., The
Hamilton Tool Co., The
Hause Machine, Inc.
Hill Acme Co., The
Hypneumat, Inc.
Kaufman Mfg. Co.
Krueger-Barnes Corp.
Masters Precision Tools Co.
Morris Machine Tool Co.
Pottstown Machine Co.
Procon Safety Chuck Co.
Rickert-Shafer Co.
Snow Mfg. Co.
Thread-All Sales Co.
Von Arnault Co., W.
Walker-Turner Div.
Warner & Swasey Co.
Western Machine Tool Works
Wisconsin Drill Head Co.

TAPPING MACHINES, UNITS—11-195

Agnew Machine Co.
Arnite Laboratories
Aro Equipment Corp., The
B. S. A. Tools, Ltd.
Barnes Drill Co.
Bedford Gear & Machine Products, Inc.
Bellows Co., The
Boyar-Schultz Corp.
Brush Machine Tool Co.
Cincinnati Bickford Div.
Cleveland Tapping Machine Co.
Commander Mfg. Co.
Cross Co., The
Drillmatic Co., Inc.
Drillunit, Inc.
Dumore Co., The
Edlund Machinery Co., Div.
Harsco Corp.
Empire Tool Co.
Errington Mechanical Laboratory, Inc.
Etico Tool & Machine Co., Inc.
Federal-Bryant Machinery Co.
Fox Engineering Co.
Gardner-Denver Co.
Gilman, Inc., Russell T.
Govro-Nelson Co.
Hartford Special Machinery Co.
Hause Machine, Inc.
Hole Engineering Service
Hypneumat, Inc.
Jarvis Corp.
Johnson Drill Head Co.
Kaufman Mfg. Co.
Kingsbury Machine Tool Corp.
Krueger-Barnes Corp.
Le Maire Machine Tool Co.
Lindner Engineering & Sales
Mercuria Co.
Michigan Drill Head Co.
Montgomery & Co., Inc.
Morris Machine Tool Co.
National Automatic Tool Co., Inc.
Rehnberg-Jacobson Mfg. Co.
Scully-Jones & Co.
Sheffield Corp., The
Simplex Tool Engineering Co.
Snow Mfg. Co.
Standard-Modern Tool Co., Ltd.
Swift Ohio Corp.
Tapmatic Corp.
Thread-All Sales Co.
Thriftmaster Products Corp.
Tools, Inc.
Turner Bros., Inc.
Universal-Automatic Corp.
Walker-Turner Div.
Wickman Mfg. Co.
Wisconsin Drill Head Co.
Zagar, Inc.

TAPPING MACHINES, VERTICAL MULTIPLE SPINDLE—11-192

Aaron Machinery Co., Inc.
Agnew Machine Co.
Alina Corp.
Bachmann Co., Inc., Eric R.
Baker Brothers, Inc.
Barer Engineering & Machinery Co., Ltd.
Barnes Drill Co.
Beckett-Harcum Co., The
Bodine Corp., The
Brown & Sharp Mfg. Co., Turret Drilling Div., Inc.
Brush Machine Tool Co.
Carney-Stansfield Co.
Cincinnati Bickford Div.
Cleereman Machine Tool Corp.
Cleveland Pneumatic Industries, Inc.
Cleveland Tapping Machine Co.
Conray Electro-Mechanical Corp.
Cross Co., The
Drillmatic Co., Inc.
Drillunit, Inc.
Edlund Machinery Co., Div.
Harsco Corp.
Etico Tool & Machine Co., Inc.
Fox Engineering Co.
Globe Tapping Machine Co., The
Hause Machine, Inc.
Hill Acme Co., The
Hypneumat, Inc.
Kaufman Mfg. Co.
Krueger-Barnes Corp.
Michigan Drill Head Co.
Moline Tool Co.
Morris Machine Tool Co.

National Acme Co., The
National Automatic Tool Co., Inc.
Pottstown Machine Co.
Rehnberg-Jacobson Mfg. Co.
Snow Mfg. Co.
Snyder Corp.
Standard-Modern Tool Co., Ltd.
Thread-All Sales Co.
Trio Tool Co.
Walker-Turner Div.
Western Machine Tool Works
Wisconsin Drill Head Co.
Zagar, Inc.

TAPS, SOLID ADJUSTABLE—13-118

Brubaker Tool Corp.
Card Div., S. W.
Geometric-Horton, Div. of
United-Greenfield Corp.
Jerpak-Bayless Co.
Jones & Lamson Machine Co.
Landis Machine Co.
Rickert-Shafer Co.
Royco Tap & Tool Corp.
Sheffield Corp., The

TAPS, COLLAPSING—13-117

Card Div., S. W.
Geometric-Horton, Div. of
United-Greenfield Corp.
Jones & Lamson Machine Co.
Landis Machine Co.
Rickert-Shafer Co.
Royco Tap & Tool Corp.
Sheffield Corp., The

TAPS, GENERAL—13-116

B. S. A. Tools, Ltd.
Bachmann Co., Inc., Eric R.
Bath & Co., Inc., John
Bay State Tap & Die Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp.
Brubaker Tool Corp.
Card Div., S. W.
Detroit Tap & Tool Co.
DeWitt Equipment Corp.
DoAll Co., The
Empire Tool Co.
Greenfield Tap & Die
Hanson-Whitney Co.
Hy-Pro Tool Co.
Industrial Tool Service
Jarvis Corp.
Jerpak-Bayless Co.
Keystone Reamer & Tool Co.
Masters Precision Tools Co.
Morse Twist Drill & Machine Co.
New England Tap Co., Inc.
Pottstown Machine Co.
Pratt & Whitney Co., Inc.
Reiff & Nestor Co.
Royco Tap & Tool Corp.
Sheffield Corp., The
Sossner Tap and Tool Corp.
Standard Tool Co.
Threadwell Tap & Die Co.
Winter Brothers Co.
Wood & Spencer Co., The

TELEVISION EQUIPMENT, CLOSED CIRCUIT—94-070

Diamond Power Specialty Corp.

TEMPERATURE CONTROLS—41-074

Blue M Electric Co.
Leeds & Northrup Co.
Pacific Transducer Corp.
Pryometer Instrument Co., Inc.
Thermo Electric Mfg. Co.
United Electric Controls Co.
Warner & Swasey Co., The

TEMPLATES & CURVES, MECHANIC'S (see Curves & Templates, Mechanics)

TEMPLATES & MODELS, PLANT LAYOUT (see Models & Templates, Plant Layout)

TENSION TESTING MACHINES—61-024

Aaron Machinery Co., Inc.
Barnes Corp., John S.
Bath Co., The, Cyril
Blackhawk Mfg. Co.
Conray Electro-Mechanical Corp.
Dillon & Co., Inc., W. C.

PRODUCTS

TENSION TESTING MACHINES (cont.)

Hirschmann Co., Inc., Carl
Hunter Spring Co.
Link Engineering Co.
RCA Industrial & Machine Tool
Operations
Steel City Testing Machines, Inc.
Testing Machines, Inc.
Tinius Olsen Testing Machine Co.
Wilson Mechanical Instrument Div.

THICKNESS TESTERS, COATING (see Coating Thickness Testers)

THREAD ROLLING MACHINES (see Rolling Machines, Thread)

THREAD ROLLS (see Rolls, Thread)

THREADING ATTACHMENTS, LATHE—12-105

Aloris Tool Co., Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Jones & Lamson Machine Co.
Landis Machine Co.
Mohr Tool & Mfg. Co.
Pratt & Whitney Co., Inc.
R. B. Tool Co., Inc.
Reed Rolled Thread Die Co.

THREADING MACHINES, PIPE—11-232

Oster Mfg. Co., The
Pipe Machinery Co., The
Ridge Tool Co., The

THREADING MACHINES, SINGLE-POINT—11-231

Loeffel Co., Inc., Arthur, The
Stokvis Edera & Co., Inc.

THROATLESS SHEARS (see Shears, Throatless)

TIN (see Lead, Tin, Zinc)

TIPS & BLANKS—13-120

Crafts Co., Inc., Arthur A.
Crucible Steel Co. of America
Firth Sterling, Inc.
R. B. Tool Co., Inc.
Unimet Carbides
Vascoloy-Ramet Corp.

TIPS, CARBIDE—13-123

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Cam Co., Inc.
American Cutter & Engineering Corp.
Besly-Weltes Corp.
Brown & Sharpe Mfg. Co., Cutting
Tool Div.
Brunner & Lay, Inc.
Crafts Co., Inc., Arthur A.
Davis Boring Tool Div.
Dayton Carbide Tool Co., Inc.
Deluxe Service Tool Corp.
DeVlieg Microbore Div.
Diamond Expansion Bolt Co., Inc.
DoAll Co., The
Everede Tool Co.
Firth Sterling, Inc.
Futurmill, Inc.
General Machine Co., Inc.
Jaquith Carbide Div.
Kennametal, Inc.
Madison-Reico Tool Co.
Masterform Tool Co.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Mohawk File & Tool Co.
Multi Metals, Inc.
Nelco Tool Co., Inc.
Newcomer Products, Inc.
Niagara Cutter Div.
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
R and L Tools
Rolett Tools & Die Mfg.
Sandvik Steel, Inc.
Sheridan Products, Inc.
Sonnet Tool & Mfg. Co.

Special Drill & Reamer Corp.
Standard Tool Co.
Tungsten Alloy Mfg. Co., Inc.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wendt-Sonthe Co.
Wesson Co.
Willey's Carbide Tool Co.

TITANIUM—02-050

American Carbide Co.
Belmont Smelting & Refining Works,
Inc.
Bridgeport Brass Co.
Crucible Steel Co. of America
du Pont de Nemours & Co., Inc., E. I.
Little Falls Alloys, Inc.
Mallory & Co., Inc., P. R.
Republic Steel Corp.

TOOLHOLDERS, FLOATING—12-157

Alco Tool Co., The
American Cutter & Engineering Corp.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Bultool Co.
Burg Tool Mfg. Co., Inc.
Burgmaster Corp.
Cleveland Automatic Machine Co., The
Davis Boring Tool Div.
Empire Tool Co.
Erickson Tool Co.
Gairing Tool Co.
Glensier Co., J. C., The
Marcellus Mfg. Co.
Podlin Tool Co.
R and L Tools
Royer Tools
Scully-Jones & Co.
Seibert & Sons, Inc.
South Bend Lathe Works
Staats & Staats, Inc.
Thread-All Sales Co.
Universal Engineering Co.
Waukesha Cutting Tools, Inc.
Wayne Tool Co.
Wohlin Products, Inc.
Ziegler Tool Co., W. M.

TOOLHOLDERS, QUICK CHANGE—12-156

Alina Corp.
Aloris Tool Co., Inc.
B & W Precision Products Co.
Bakewell Products
Beaver Tool & Engineering Corp.
Burg Tool Mfg. Co., Inc.
Burklyn Co.
Campbell Contour Attachment Co., Inc.
DeVlieg Microbore Div.
Erickson Tool Co.
Falcon Tool Co.
Gairing Tool Co.
Jones & Lamson Machine Co.
K. D. K. Products
McCrosky Tool Corp.
Mercuria Co.
Montgomery & Co., Inc.
Neise, Karl A.
Portage Machine Co.
Scully-Jones & Co.
Seewald, Inc.
Thurston Mfg. Co.
Titan Tool Co.
Tree Tool & Die Works
Universal Engineering Co.
Vascoloy-Ramet Corp.
Waukesha Cutting Tools, Inc.
Weldon Tool Co., The

TOOLHOLDERS, TAP—12-155

Alco Tool Co., The
American Cam Co., Inc.
Beaver Tool & Engineering Corp.
Boyar-Schultz Corp.
Brookfield, Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Burg Tool Mfg. Co., Inc.
Cleveland Automatic Machine Co., The
Empire Tool Co.
Erickson Tool Co.

Falcon Tool Co.
Jacobs Mfg. Co., The
Keystone Reamer & Tool Co.
Marcellus Mfg. Co.
McCrosky Tool Corp.
Nielsen, Inc., E. V.
Procurier Safety Chuck Co.
R and L Tools
Ritmar Corp.
Scully-Jones & Co.
Seibert & Sons, Inc.
Sonnet Tool & Mfg. Co.
Standard Tool Co.
Thread-All Sales Co.
Universal Engineering Co.
Zagar, Inc.
Ziegler Tool Co., W. M.

TOOLHOLDERS, BIT—12-151

Aloris Tool Co., Inc.
American Cutter & Engineering Corp.
B & W Precision Products Co.
Beaver Tool & Engineering Corp.
Bokum Tool Co., Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Campbell Contour Attachment Co., Inc.
Comet Tool Co.
Continental Screw Co.
Crafts Co., Inc., Arthur A.
Criterion Machine Works
Delta Power Tool Div., Rockwell
Mfg. Co.
DeVlieg Microbore Div.
Everede Tool Co.
Falcon Tool Co.
General Machine Co., Inc.
Gorham Tool Co.
Hy-Pro Tool Co.
Lehmann-Fulton Boring Tool Co.
Madison Tool & Supply Co.
McCrosky Tool Corp.
Newcomer Products, Inc.
R. B. Tool Co., Inc.
R and L Tools
Silber Products, Inc.
Somma Tool Co., Inc.
Time Saver Tools, Inc.
Vac Alloys, Inc.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Walton Co., The
Williams & Co., J. H.

TOOLHOLDERS, COUNTERSINK & PILOT (see Countersink Holders & Pilots)

TOOLHOLDERS, SPECIAL PURPOSE—12-159

Accord Tool & Machine, Inc.
Aloris Tool Co., Inc.
Amco Machine & Tool, Inc.
American Cam Co., Inc.
American Cutter & Engineering Corp.
American Standard Co.
Apex Tool & Cutter Co., Inc., The
Austin Tool Co., Inc.
B & W Precision Products Co.
Beaver Tool & Engineering Corp.
Bokum Tool Co., Inc.
Bradley Machinery Sales Co.
Brookfield, Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Campbell Contour Attachment Co., Inc.
Carbide Tools, Inc.
Century Detroit
Clark Co., Robert H.
Cleveland Twist Drill Co., The
Crafts Co., Inc., Arthur A.
Criterion Machine Works
Davis Boring Tool Div.
Dayton Carbide Tool Co., Inc.
Detterbeck Co., George L.
DeVlieg Microbore Div.
Diamond Products Mfg. Co.
Eclipse Counterbore Co.
Everede Tool Co.
Falcon Tool Co.
Firth Sterling, Inc.
Fry Tool Mfg. Co.
Gairing Tool Co.
Genesee Mfg. Co.
Glensier Co., J. C., The
Gorham Tool Co.
K. D. K. Products
Kennametal, Inc.

**TOOLHOLDERS, SPECIAL
PURPOSE—12-159 (cont.)**

Lassy Tool Co.
Lehmann-Fulton Boring Tool Co.
Madison-Relco Tool Co.
Malcus Tools Corp.
Mercury Tool & Die Co., Inc.
Metal Carbides Corp.
Metal Cutting Tools, Inc.
Monarch Machine Shop, Inc.
Niagara Cutter Div.
O. K. Rubber Welders, Inc.
O. K. Tool Co., Inc., The
O'Neil & Knudsen Tool Co.
Payne Tool and Engineering Co., The
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
R and L Tools
Rockford Engineered Products Co.
Rothfuss Tool Co.
Sandvik Steel, Inc.
Screw Machine Tool Co.
Scully-Jones & Co.
Seibert & Sons, Inc.
Silber Products, Inc.
Somma Tool Co., Inc.
Sonnet Tool & Mfg. Co.
Stupalox Project
Sutton Tool Co.
Trio Tool Co.
Unidapt Co.
United Laboratories, Inc.
United Tool Co.
Universal Engineering Co.
Valenite Metals Div.
Vascoloy-Ramet Corp.
Victor Mfg. Co., The
Viking Tool Co., Inc., The
Vilber Co., E. F.
Weddell Tools, Inc.
Wesson Co.
Wetmore Tool & Engineering Co.
Willey's Carbide Tool Co.

TOOL STEEL BITS (see Bits, Tool Steel)

**TOOL STEEL BLANKS
(see Blanks, Tool Steel)**

TOOL STEELS (see Steels)

TOOLING BALLS (see Balls, Tooling)

TOOLING PLATE, ALUMINUM—02-011

Aluminum Co. of America
Pioneer Aluminum Co.
Red Seal Metals Co.

TOOLING PLATE, MAGNESIUM—02-041

Dow Chemical Co., The

**TOOLS, CARBIDE, INSERT,
THROW-AWAY—13-105**

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Cutter & Engineering Corp.
Armstrong Bros. Tool & Co.
Besly-Welles Corp.
Bokum Tool Co., Inc.
Carbide Tools, Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DeVlieg Microbore Div.
DoAll Co., The
Ex-Cell-O Corp.
Firth Sterling, Inc.
Gorham Tool Co.
Kennametal, Inc.
Madison-Relco Tool Co.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Modco Tools Div. of the Valeron Corp.
Newcomer Products, Inc.
Niagara Cutter Div.
Pratt & Whitney Co., Inc.
R and L Tools
Sandvik Steel, Inc.
Unimet Carbides
United Laboratories, Inc.
United Tool Co.
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

**TOOLS, CARBIDE INSERT,
1½ INCH—13-104**

Accord Tool & Machine, Inc.
Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Besly-Welles Corp.
Carbide Tools, Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
DeVlieg Microbore Div.
Firth Sterling, Inc.
Heald Machine Co., The
Kennametal, Inc.
Madison-Relco Tool Co.
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Newcomer Products, Inc.
Niagara Cutter Div.
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
R and L Tools
Sandvik Steel, Inc.
Somma Tool Co., Inc.
Spiral Step Tool Co.
Unimet Carbides
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Wesson Co.
Willey's Carbide Tool Co.

TOOLS, CARBIDE TIPPED—13-106

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
Aloris Tool Co., Inc.
American Cutter & Engineering Corp.
Apex Tool & Cutter Co., Inc., The
Bernell Tool Co., Inc.
Besly-Welles Corp.
Bokum Tool Co., Inc.
Boyar-Schultz Corp.
Brubaker Tool Corp.
Carbide Tools, Inc.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Detterbeck Co., George L.
DeVlieg Microbore Div.
DoAll Co., The
Ex-Cell-O Corp.
Firth Sterling, Inc.
Gorham Tool Co.
Heald Machine Co., The
Kennametal, Inc.
King-Lindstrom Co.
Loeffel Co., Inc., Arthur, The
Lund Mfg. Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Maynor Tool & Cutter Co., Inc.
Medio Co., The
Metal Carbides Corp.
Metallurgical Products Dept., General
Electric Co.
Meyers Co., W. F.
Modco Tools Div. of the Valeron Corp.
Morse Twist Drill & Machine Co.
Newarkville Machine & Tool Co.
Newcomer Products, Inc.
Niagara Cutter Div.
O. K. Tool Co., Inc., The
Pipe Machinery Co., The
Productive Tool Service, Inc.
R. B. Tool Co., Inc.
Sandvik Steel, Inc.
Schmarje Tool Co.
Somma Tool Co., Inc.
Spiral Step Tool Co.
Super Tool Co., Div. of Van Norman
Ind.
U. S. Carbide Tool, Inc.
Unimet Carbides
Union Twist Drill Co.
Valenite Metals Div.
Vascoloy-Ramet Corp.
Viking Tool Co., Inc., The
Weddell Tools, Inc.
Wendt-Sonis Co.
Wesson Co.
Whitman & Barnes
Willey's Carbide Tool Co.
Williams & Co., J. H.

TOOLS, CIRCULAR FORM—13-108

Alco Tool Co., The
American Cam Co., Inc.

American Cutter & Engineering Corp.
B & W Precision Products Co.
Bardons & Oliver, Inc.
Bernell Tool Co., Inc.
Bokum Tool Co., Inc.
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Brubaker Tool Corp.
Carbide Tools, Inc.
Cleveland Cutter & Reamer Co.
Crafts Co., Inc., Arthur A.
Crucible Steel Co. of America
Dayton Carbide Tool Co., Inc.
Detterbeck Co., George L.
DeVlieg Microbore Div.
DoAll Co., The
Ex-Cell-O Corp.
Falcon Tool Co.
Gorham Tool Co.
Jerpak-Bayless Co.
Kennametal, Inc.
King-Lindstrom Co.
Madison-Faessler Tool Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Niagara Cutter Div.
Payne Tool and Engineering Co., The
Plew Tool Corp.
Productive Tool Service, Inc.
Schmarje Tool Co.
Somma Tool Co., Inc.
Spiral Step Tool Co.
Super Tool Co., Div. of Van Norman
Ind.
U. S. Carbide Tool, Inc.
Unimet Carbides
Vascoloy-Ramet Corp.
Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

TOOLS, FLAT FORM—13-107

Alco Tool Co., The
American Cam Co., Inc.
American Cutter & Engineering Corp.
B & W Precision Products Co.
Bardons & Oliver, Inc.
Bernell Tool Co., Inc.
Bokum Tool Co., Inc.
Brubaker Tool Corp.
Carbide Tools, Inc.
Cleveland Cutter & Reamer Co.
Crafts Co., Inc., Arthur A.
Crobalt, Inc.
Crucible Steel Co. of America
Dayton Carbide Tool Co., Inc.
Deluxe Service Tool Corp.
Detterbeck Co., George L.
DoAll Co., The
Ex-Cell-O Corp.
F & D Tool Co., Inc.
Falcon Tool Co.
Gorham Tool Co.
Heald Machine Co., The
Hunt's Grinding & Mfg.
Illinois Tool Works
Jerpak-Bayless Co.
Kennametal, Inc.
King-Lindstrom Co.
Lund Mfg. Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Medio Co., The
Niagara Cutter Div.
O. K. Tool Co., Inc., The
Plew Tool Corp.
Pratt & Whitney Co., Inc.
Productive Tool Service, Inc.
Schmarje Tool Co.
Somma Tool Co., Inc.
Spiral Step Tool Co.
U. S. Carbide Tool, Inc.
Unimet Carbides
Vascoloy-Ramet Corp.
Wendt-Sonis Co.
Wesson Co.
Willey's Carbide Tool Co.

**TORCHES & TIPS
(see Welding Torches & Tips)**

TORQUE WRENCHES—74-027

Fen Machine Co.
Jo-Line Tools, Inc.
Snap-On Tools Corp.
Sturtevant Co., P. A.

PRODUCTS

TORSION TESTING MACHINES—41-023

Blackhawk Mfg. Co.
Conray Electro-Mechanical Corp.
Erb & Gray Scientific, Inc.
Hirschmann Co., Inc., Carl
Jo-Line Tools, Inc.
Link Engineering Co.
RCA Industrial & Machine Tool
Operations
Skidmore-Wilhelm Mfg. Co.
Sturtevant Co., F. A.
Tinius Olsen Testing Machine Co.

TRACER ATTACHMENTS, LATHES—12-102

Aaron Machinery Co., Inc.
Acc-U-Mat Machine Co.
American Tool Works Co., The
Barer Engineering & Machinery Co.,
Ltd.
Barth Corp., The
Bendix Industrial Controls Section
Black Rock Mfg. Co., The
Campbell Contour Attachment Co., Inc.
Clausing Div., Atlas Press Co.
Clearing Div. of U. S. Industries
Drillimation Co., Inc.
Erinac Equipment Corp.
Fidelity Machine Tool, Inc.
Gisholt Machine Co.
Industrial Controls Div.
Jones & Lamson Machine Co.
LeBlond Machine Tool Co., R. K., The
Lehigh, Inc.
Leland-Gifford Co.
Lodge & Shipley Co., The
New England Machine & Tool Co.
Onarud Machine Works, Inc.
Pratt & Whitney Co., Inc.
Seewald, Inc.
Sheppard, Stanley
Sigma Machinery, Inc.
Tracer Control Co.

TRACER ATTACHMENTS, MILLING—12-131

Aaron Machinery Co., Inc.
Arrow Engineering Co., Inc.
Barer Engineering & Machinery Co.,
Ltd.
Bendix Industrial Controls Section
Black Rock Mfg. Co., The
Brown & Sharpe Mfg. Co., Machine
Tool Div.
Cincinnati Milling Machine Co.
Erinac Equipment Corp.
Famco Machine Co.
Famco Machine Co.
Fidelity Machine Tool, Inc.
Graham Machine Tool Co.
Hudson Automatic Machine & Tool Co.
Index Machine Co.
Johnson & Bassett, Inc.
Kallins & Co., J. M.
Kearney & Trecker Corp.
New England Machine & Tool Co.
Pratt & Whitney Co., Inc.
Sheppard, Stanley
Standard-Modern Tool Co., Ltd.
Tracer Control Co.
True-Trace Sales Corp.
Van Norman Machine Co.
Veet Industries

TRACER CONTROL SYSTEMS (see Systems, Tracer Control)

TRANSFER MACHINES—11-201

Aaron Machinery Co., Inc.
Agnew Machine Co.
Bachmann Co., Inc., Erie R.
Baker Brothers, Inc.
Barnes Co., W. F. and John
Brush Machine Tool Co.
Buhr Machine Tool Co.
Century Detroit
Cimo Engineering Co.
Cincinnati Milling Machine Co.
Colonial Broach & Machine Co.
Conray Electro-Mechanical Corp.
Cross Co., The
Drillimation Co., Inc.
Erinac Equipment Corp.
Ex-Cell-O Corp.
Expert Welding Machine Co.
Federal Machine & Welder Co., The
Ferguson Machine Corp. of Indiana
Fitchburg Engineering Corp.
Foote-Burt Co., The

Gilman, Inc., Russell T.
Greenlee Bros. & Co.
Heald Machine Co., The
Hill, Inc., Walter F.
Jones & Lamson Machine Co.
Kenhor Corp., Div., George H. Kendall,
Mech. Engrs. & Cons.
Lamb Co., F. Jos.
LeMaire Machine Tool Co.
Liberty Tool & Die Corp.
Livernois Eng. Co.
Mercury Tool & Die Co., Inc.
Michigan Drill Head Co.
Moline Tool Co.
Morris Machine Tool Co.
National Automatic Tool Co., Inc.
Norton Co., Abrasive Div.
Onarud Machine Works, Inc.
Planet Corp.
Producto Machine Co., The
Rehnberg-Jacobson Mfg. Co.
Sahlin Engineering Co., Inc.
Seneca Falls Machine Co.
Sheffield Corp., The
Simplex Machine Tool Corp.
Snyder Corp.
Standard-Modern Tool Co., Ltd.
Sundstrand Machine Tool Co.
Swift Ohio Corp.
Thompson Mfg. Co., Earl A.
United Machinery Sales Co.
Wilson Automation Co.

TRANSFORMERS, WELDING (see Welding Transformers)

TRANSMISSIONS, FLUID POWER—82-101

Oilgear Co., The
Twin Disc Clutch Co.

TREPPANNING HEADS (see Heads, Trepanning)

TREPPANNING TOOLS—13-137

Alco Tool Co., The
American Cutter & Engineering Corp.
American Heller Corp.
Apex Tool & Cutter Co., Inc., The
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barer Engineering & Machinery Co., Ltd.
Bokum Tool Co., Inc.
Brubaker Tool Corp.
Buol Machine Co., The
Carbide Tools, Inc.
Clark Co., Robert H.
Cleveland Cutter & Reamer Co.
Coffey-Cummins Mfg. Co.
Detroit Reamer and Tool Co.
Falcon Tool Co.
Glenbard Tool Mfrs., Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Kennametal, Inc.
Lehmann-Fulton Boring Tool Co.
Madison Industries, Inc.
Madison-Relco Tool Co.
Masterform Tool Co.
Metal Cutting Tools, Inc.
Modco Tools Div. of the Valeron Corp.
Neise, Karl A.
Niagara Cutter Div.
O. K. Tool Co., Inc., The
Plew Tool Corp.
Productive Tool Service, Inc.
Seewald, Inc.
Spiral Step Tool Co.
Waukesha Cutting Tools, Inc.
Woodruff & Stokes Co., Inc.

TUBE MILLS (see Rolling Mills, Tube)

TUBING & HOSE, FLEXIBLE METAL (see Hose & Tubing, Flexible Metal)

TURNERS, DIAMOND (see Diamond Turners)

TURRET PUNCH PRESSES (see Presses, Turret Punch)

TURRETS, BED—12-106

Aaron Machinery Co., Inc.
A-K Tool Co.
Cleveland Hobbing & Machine Co.
Enco Mfg. Co.
Hawkeye Specialty Co.

Hjorth Lathe & Tool Co.
Logan Engineering Co.
Precision Processing Co.
South Bend Lathe Works
Wahlund Mechanical Laboratory, M.
Paul

TURRETS, CROSS-SLIDE—12-107

A-K Tool Co.
Bardons & Oliver, Inc.
Cleveland Hobbing & Machine Co.
Enco Mfg. Co.
Lloyd Tool Corp.
O'Neill & Knudsen Tool Co.
Oster Mfg. Co., The
South Bend Lathe Works

TURRETS, TOOL POST—12-108

Bardons & Oliver, Inc.
Cleveland Hobbing & Machine Co.
Colwell, S. G.
Crozier Machine Tool Co.
Enco Mfg. Co.
Graham Machine Tool Co.
Madison Tool & Supply Co.
Neise, Karl A.
O. K. Rubber Welders, Inc.
O'Neill & Knudsen Tool Co.
R and L Tools
Royal Products
Wahlund Mechanical Laboratory, M.
Paul
Westwood Engineering Co.

TWIST DRILLS (see Drills)

ULTRASONIC CLEANING EQUIPMENT (see Cleaning Equipment, Ultrasonic)

ULTRASONIC GAGING EQUIPMENT (see Gaging Equipment, Ultrasonic)

ULTRASONIC INSPECTION EQUIPMENT—62-040

Alcar Instruments, Inc.
Branson Instruments, Inc.
Circo Equipment Co.
Curtiss-Wright Corp.
Dice Co., J. W.
Ercon Corp.
Hughes Products, Hughes Aircraft Co.
Magnaflex Corp.
Madison Industries, Inc.
National Ultrasonic Corp.
Sigma Machinery, Inc.
Sperry Products, Inc.

ULTRASONIC MACHINES—11-220

Cammann Mfg. Co., Inc., The
Erinac Equipment Corp.
Gulton Industries, Inc.
Sheffield Corp., The

ULTRAVIOLET LIGHTS—62-011

Stocker & Yale, Inc.

UPSETTERS—21-220

Girard Associates

V-BLOCKS—63-097

AA Gage Co.
Acme Tool Corp.
Anton Machine Works
Brown & Sharpe Mfg. Co., Industrial
Products Div.
Challenge Machinery Co., The
Collins Microflat Co.
DoAll Co., The
Engis Equipment Co.
General Hardware Mfg. Co., Inc.
Hanchett Magna-Lock Corp.
Ideal Tool & Die Co., Inc.
Illinois Metal Products
Jones & Lamson Machine Co.
Lassy Tool Co.
Lufkin Rule Co.
Montgomery & Co., Inc.
Precision Tool & Mfg. Co.
R. B. Tool Co., Inc.
Reid Tool Supply Co.
Size Control Co.
Standard Parts Co.
Starrett Co., L. S., The
Taft-Peirce Mfg. Co., The
Tietzmann Tool Corp.
Union Mfg. Co.

VACUUM CHUCKS (see Chucks, Vacuum)

VACUUM PLATING EQUIPMENT
(see Plating Equipment, Vacuum)

VACUUM PUMPS (see Pumps, Vacuum)

VALVES, AIR—82-010

Adams Equipment
Airmatic Valve, Inc.
Air-Mite Devices, Inc.
Alkon Products Corp.
Allenair Corp.
American Air Compressor Corp.
American Machine Products, Inc.
Aro Equipment Corp., The
Aptomatic Valve Co., Inc.
Automatic Switch Co.
Automatic Valve Co.
Auto-Ponents, Inc.
Barksdale Valves
Beckett-Harcum Co., The
Bellows Co., The
Bendix-Westinghouse Automotive Air Brake Co.
Carter Controls, Inc.
Cleo Div.
Cleveland Pneumatic Industries, Inc.
Clippard Instrument Lab., Inc.
DeZurik Corp.
Fairbanks Co., The
Gardner-Denver Co.
General Controls Co.
Hanna Engineering Works
Hannifin Co.
Henry Valve Co.
High Vacuum Equipment Corp.
Humphrey Products Div.
Hunt Valve Co.
Hydraulic Electronic Pneumatic Mfg. Co.
Ingersoll-Rand Co.
Kepner Products Co.
Knapp Industries, B. L.
Koehler Aircraft Products Co., The
Ledeen, Inc., Ledeen Mfg. Div.
Lehigh, Inc.
Lloyd Tool Corp.
Logansport Machine Co., Inc.
Mahr Mfg. Co.
Mead Specialties Co., Inc.
Mechanical Air Controls, Inc.
Midland-Ross Corp.
Modernair Corp.
Nopak Div., Galland-Henning Mfg. Co.
Numatics, Inc.
Oil-Dyne, Inc.
Q. C. Engineering Products, Div.
Pearson, Inc.
Rayflex Co., Inc.
Redmar Air Devices, Inc.
Rivett Lathe & Grinder, Inc.
Ross Operating Valve Co.
Rotex Punch Co., Inc.
S-P Mfg. Corp., The
Schrader's Son, A.
Sinclair-Collins Valve Co.
Skinner Chuck Co., The
Skinner Electric Valve Div.
Square D Co.
Taylor-Winfield Corp.
Tryco Products, Inc.
Union Mfg. Co.
Valvair Corp.
Versa Products Co., Inc.
Walker-Turner Div.
Wellman Engineering Co., The
Westinghouse Air Brake Co., Industrial Products Div.
Wilkerson Corp.

VALVES HYDRAULIC—82-020

Aaron Machinery Co., Inc.
Acme Industrial Co.
Adel Precision Products, Div. of General Metals Corp.
Airmatic Valve, Inc.
Alkon Products Corp.
Aptomatic Valve Co., Inc.
Auto-Ponents, Inc.
Baldwin-Lima-Hamilton Corp., Eddystone Div.
Barksdale Valves
Barnes Corp., John S.
Beckett-Harcum Co., The
Bendix Aviation Co.
Berthelsen Engrg. Works, Inc.
Blackhawk Mfg. Co.
Brown & Sharpe Co., Hydraulics Div.

Cleveland Industrial Tool Corp.
Commercial Shearing & Stamping Co.
Dake Corp.
Denison Engineering Div., American Brake Shoe Co.
DeZurik Corp.
Die-Draulic Grip, Inc.
Double A Products Co., Subsidiary of Brown & Sharpe Mfg. Co.
Dukes Co., Inc.
Erb & Gray Scientific, Inc.
Fulfo Specialties Co., Inc., The
Girard Associates
Greer Hydraulics, Inc.
Hanna Engineering Works
Humphrey Products Div.
Hunt Valve Co.
Hydraulic Electronic Pneumatic Mfg. Co.
Hydraulic Press Mfg. Co., The
Knapp Industries, B. L.
Lake Erie Machinery Corp.
Ledeen, Inc., Ledeen Mfg. Div.
Logansport Machine Co., Inc.
M & N Modern Hydraulic Press Co., Inc.
Mechanisms Co.
Modernair Corp.
Newton Hydraulic Tooling Co.
Nopak Div., Galland-Henning Mfg. Co.
Oil-Dyne, Inc.
Oligear Co., The
Palley Supply Co.
Parker Hydraulics Div.
Patton Mfg. Co.
Racine Hydraulics & Machinery, Inc.
Rayflex Co., Inc.
Rivett Lathe & Grinder, Inc.
Rodgers Hydraulic, Inc.
Royal Industries, Inc.
S-P Mfg. Corp., The
Sinclair-Collins Valve Co.
Skinner Electric Valve Div.
Studebaker Hydraulic Products Co.
Thompson Mfg. Co., Earl A.
Tryco Products, Inc.
Valvair Corp.
Vard, Inc.
Versa Products Co., Inc.
Vickers, Inc.
Walker-Turner Div.
Wood Co., R. D.

VAPOR SPRAY CLEANING EQUIPMENT
(see Cleaning Equipment, Vapor Spray)

VARIABLE SPEED DRIVES
(see Drives, Variable Speed)

VERNIER TOOLS, MECHANICS—74-026

Alina Corp.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chicago Tool & Engineering Co.
Coastal Abrasive and Tool Co., Inc.
DoAll Co., The
Ereona Corp.
Erinac Equipment Corp.
General Hardware Mfg. Co., Inc.
Lufkin Rule Co.
Montgomery & Co., Inc.
Neise, Karl A.
Penniman Co., Elisha
Scherr Co., Inc., George
Slocumb Co., J. T.
Starrett Co., L. S., The
Taper Micrometer Corp.
Transocean Trading Co.
Tubular Micrometer Co.

VERNIER TYPE GAGES
(see Gages, Vernier Type)

VIBRATION INSULATORS—83-090

American Felt Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bushings, Inc.
Clark-Cutler-McDermott Co., Air-Loc Div.
Donovan Mfg. Co.
Felters Co., The
Finn & Co., Inc., T. R.
Houdaille Industries, Inc., Buffalo Hydraulics Div.
Korfund Co., Inc., The
Lord Mfg. Co.
MB Mfg. Co.

Robinson Aviation, Inc.
Taylor Devices, Inc.

VIBRATION TESTING MACHINES—64-050

All American Tool & Mfg. Co.
Barry Controls Inc.
Consolidated Electrodynamics Corp.
Electronic Dynamic Balancing Co.
Elliott Mfg. Co., Inc., B. W.
General Radio Co.
Hirschmann Co., Inc., Carl
Hughes Products, Hughes Aircraft Co.
International Research & Development Corp.
Korfund Co., Inc., The
MB Mfg. Co.
Micrometrical Mfg. Co.
Westinghouse Electric Corp.

VIBRATORY LAPPING MACHINES
(see Lapping Machines, Vibratory)

VICES, BENCH—74-012

Acme Tool Corp.
Veit & Young, Inc.

VICES, COLLET TYPE—12-177

Arrow Machinists & Fabricators

VICES, COMPOUND ANGLE—12-175

Accord Tool & Machine, Inc.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Chemical Development Corp.
DeWitt Equipment Corp.
Ideal Tool & Die Co., Inc.
Mercuria Co.
Neise, Karl A.
Pratt & Whitney Co., Inc.
Seewald, Inc.
Stanley-Yankee Tools
Universal Vise & Tool Co.
Victor Mfg. Co., The
Walker-Turner Div.
Wesson Co.
Wilton Tool Mfg. Co., Inc.

VICES, MACHINE TABLE—12-171

Aaron Machinery Co., Inc.
Athol Machine & Foundry Co.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cardinal Machine Co.
Conrad Machine Co.
Desmond-Stephan Co., The
Donovan Mfg. Co.
Hartman Mfg. Co.
Heinrich Tools, Inc.
Index Machine Co.
J & S Tool Co., Inc.
Kenco Mfg. Co.
L-W Chuck Co.
M. B. I. Export & Import, Ltd.
Martin Machine Co., J. E.
Millers Falls Co.
Modern Machine Tool Co.
Montgomery & Co., Inc.
Neise, Karl A.
Neico Tool Co., Inc., Subsidiary of Brown & Sharpe Mfg. Co.
Nichols Co., W. H.
Nichols-Morris Corp.
Reid Tool Supply Co.
Rockford Engineered Products Co.
Seewald, Inc.
Skinner Chuck Co., The
South Bend Lathe Works
Stanley-Yankee Tools
Studebaker Hydraulic Products Co.
Thomas Holst Co.
Universal Vise & Tool Co.
Van Norman Machine Co.
Walker-Turner Div.
Wilton Tool Mfg. Co., Inc.
Wohlin Products, Inc.

VICES, MILLING—12-172

A-K Tool Co.
Aaron Machinery Co., Inc.
Acme Tool Corp.
Athol Machine & Foundry Co.

PRODUCTS

VICES, MILLING—12-172 (cont.)

Benchmark Mfg. Co.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cardinal Machine Co.
Cincinnati Milling Machine Co.
Dery & Sons Tool & Die Co., A. L.
Desmond-Stephan Co., The
Dewilde-Jones, Inc.
DeWitt Equipment Corp.
Diamond Machine Tool Corp.
Donovan Mfg. Co.
Globe Tools
Greaves Machine Tool Div.
Heinrich Tools, Inc.
Ideal Tool & Die Co., Inc.
Illinois Metal Products
Index Machine Co.
J & S Tool Co., Inc.
Johnson & Bassett, Inc.
Kearney & Trecker Corp.
Kempnith Machine Co.
Kenco Mfg. Co.

L-W Chuck Co.
Lassy Tool Co.
Martin Machine Co., J. E.
Marac Machinery Corp.
Mechanics Engineering Co., Inc.
Mercuria Co.
Montgomery & Co., Inc.
Neise, Karl A.
Nelco Tool Co., Inc., Subsidiary of Brown & Sharpe Mfg. Co.
New Britain Tool & Mfg. Co., Inc.
Nichols-Morris Corp.
Penniman Co., Elsie
Plunket Mach. Co., J. E.
Precision Processing Co.
Production Devices, Inc.
Producto Machine Co., The
Q. C. Engineering Products, Div. Pearson, Inc.
Rem Sales, Inc.
Reid Tool Supply Co.
Rockford Engineered Products Co.
Rorysford Foundry & Machine Co., Inc.
Seewald, Inc.
Skinner Chuck Co., The
South Bend Lathe Works
Studebaker Hydraulic Products Co.
Thomas Holst Co.
Tree Tool & Die Works

U. S. Burke Machine Tool Div.
Universal Engineering Co.
Universal Vise & Tool Co.
Van Norman Machine Co.
Van Products Co.
Victor Mfg. Co., The
Wilton Tool Mfg. Co., Inc.
Wohlup Products, Inc.

VICES, PLANER & SHAPER—12-173

Aaron Machinery Co., Inc.
Barer Engineering & Machinery Co., Ltd.
Bentley Industrial Corp.
Cardinal Machine Co.
Dewilde-Jones, Inc.
DeWitt Equipment Corp.
Gemco Shaper Co.
Heinrich Tools, Inc.
J & S Tool Co., Inc.
Martin Machine Co., J. E.
Neise, Karl A.
Plunket Mach. Co., J. E.
Reid Tool Supply Co.
Seewald, Inc.
Skinner Chuck Co., The
Swift Ohio Corp.
Universal Vise & Tool Co.
Victor Mfg. Co., The
Western Machine Tool Works



to all engineers who have ever said:

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I DON'T KNOW HOW TO WRITE!**

... don't you?

If an engineer friend should say to you, "Tell me something about your work," you would have no difficulty talking freely and easily for fifteen or twenty minutes on some engineering problem which you have "licked." While you were describing what you did and how you did it, you actually dictated an article, without realizing it. That's just how simple it is — there is no mystery in technical writing — it's simply getting down on paper the common sense "shop talk" about your own know-how, the interesting work you do, and the ingenious methods you have developed.

If you have never been an author

... then you have missed one of the most worthwhile and stimulating experiences an engineer can have. Once upon a time, the world did not roll merrily along — it scraped, slid, tumbled and dragged. Then someone invented the wheel — someone who had the ability to discern the circles hidden in a world of squares, and a technique for producing ideas. As great as had been his contribution in perfection of the technique, greater still was his vision of the "free interchange of scientific knowledge" ... the secret was not left to rust and grow stale in the mind of one man. The discovery of techniques must be formulated into an organized body of knowledge, certain theories drawn, and principles laid down for the guidance of others. From such an insight comes, privately, the sense of supreme satisfaction—and professionally, the recognition that goes with shared technical leadership.

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Wilton Tool Mfg. Co., Inc.
Wohnip Products, Inc.

VICES, SPECIAL PURPOSES—12-176

Aaron Machinery Co., Inc.
Aloris Tool Co., Inc.
Arrow Machinists & Fabricators
Bellows Co., The
Bliss Co., E. W.
Buck Mfg. Co.
Burklyn Co.
Criterion Machine Works
Custanite Corp., The
Daco Metal Products
Dewilde-Jones, Inc.
DeWitt Equipment Corp.
Die Supply Div., E. W. Bliss Co.
Donovan Mfg. Co.
Emmert Mfg. Co.
Heinrich Tools, Inc.
Heuser Mfg. Co.
Hudson Automatic Machine & Tool Co.
Ideal Tool & Die Co., Inc.
J & S Tool Co., Inc.
Johnson & Bassett, Inc.
Logansport Machine Co., Inc.
Malcus Tools Corp.
Max Mfg. Co.
Neise, Karl A.
Payne Tool and Engineering Co., The
Q. C. Engineering Products, Div.
Richards-Wilcox Mfg. Co.
Ridge Tool Co., The
Rockford Engineered Products Co.
Seewald, Inc.
Universal Vise & Tool Co.
Walker-Turner Div.
Wilton Tool Mfg. Co., Inc.
Wohnip Products, Inc.

VICES, UNIVERSAL—12-174

AMF Tool Div., American Machine & Foundry Co.
Aaron Machinery Co., Inc.
Aloris Tool Co., Inc.
Alva Allen Industries
Athol Machine & Foundry Co.
Barer Engineering & Machinery Co., Ltd.
Bliss Co., E. W.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cincinnati Milling Machine Co.
Desmond-Stephan Co., The
Dewilde-Jones, Inc.
DeWitt Equipment Corp.
Donovan Mfg. Co.
Emmert Mfg. Co.
J & S Tool Co., Inc.
Johnson & Bassett, Inc.
Kearney & Trecker Corp.
Kenco Mfg. Co.
Lesay Tool Co.
Malcus Tools Corp.
Marac Machinery Corp.
Millers Falls Co.
Neise, Karl A.
New Britain Tool & Mfg. Co., Inc.
Seewald, Inc.
Universal Vise & Tool Co.
Victor Mfg. Co., The
Walker-Turner Div.
Wesson Co.
Wickman Mfg. Co.
Wilton Tool Mfg. Co., Inc.
Wohnip Products, Inc.

WASHERS, LOCKING—91-052

Active Screw & Mfg. Co.
Aluminum Co. of America
Chase Brass & Copper Co.
Eaton Mfg. Co.
Garrett Co., Inc., George K.
Hage Industrial Corp.
Link-Belt Co.
National Lock Washer Co., The
Neise, Karl A.
Nyltite Corp. of America

WASHERS, PLAIN—91-051

Active Screw & Mfg. Co.
Aluminum Co. of America
American Felt Co.
American Standard Co.
Associated Spring Corp.
Boyar-Schultz Corp.
Bushings, Inc.
Carr Lane Mfg. Co.
Carroll Pressed Metal, Inc.

Centrifugally Cast Products Div., The
Shenango Furnace Co.
Chase Brass & Copper Co.
Crayton Co., F. M.
Danly Machine Specialties, Inc.
Garrett Co., Inc., George K.
Harco Engineering
Jergens Tool Specialty Co.
Laminated Shim Co., Inc.
Littleford Bros., Inc.
Monroe Engineering Products, Inc.
Morton Machine Works
Myr Sheet Metal Ind., Inc., Arthur B.
Northwestern Tools, Inc.
Pawtucket Mfg. Co.
Pheoll Mfg. Co.
Pic Design Corp.
R and L Tools
Siewek Tool Co.
Standard Shop Equipment Co.
Stimpson Co., Inc., Edwin B.
Thomson Mfg. Co., Judson L.
West Point Mfg. Co.
Wrought Washer Mfg. Co.

**WAYS & BASES, MACHINES
(see Bases & Ways, Machine)**

**WEAR & ABRASIVE TESTING
MACHINES—61-027**

Hirschmann Co., Inc., Carl
Tinius Olsen Testing Machine Co.
Wyzenbeek & Staff, Inc.
Zeiss, Inc., Carl

WEAR PLATES & STRIPS—23-160

American Cutter & Engineering Corp.
Ampco Metal, Inc.
Amplex Div. - Chrysler Corp.
Black Drill Co.
Brown & Sharpe Mfg. Co., Turret Drilling Div., Inc.
Bushings, Inc.
Cadmet Corp.
Colmonoy Div.
Crafts Co., Inc., Arthur A.
Diaston Div., H. K. Porter Co., Inc.
Falcon Tool Co.
Jaquith Carbide Div., Pratt & Whitney Corp., Inc.
Lamina Dies & Tools, Inc.
Luken Steel Co.
Madison-Releo Tool Co.
McKay Machine Co., The
Ohio Knife Co., The
S & E Machine Products, Inc.
Scully-Jones & Co.
Simonds Saw & Steel Co.
Sintercast Corp. of America
Stupalox Project
Unimet Carbides
Vascoloy-Ramet Corp.
Wapakoneta Machine Co., The
Willey's Carbide Tool Co.

**WELDING ACCESSORIES, ELECTRODE
HOLDERS—51-032**

Acro Welder Mfg. Co.
Air Products, Inc.
Air Reduction Sales Co.
Ampco Metal, Inc.
Eisler Engineering Co., Inc.
Erico Products, Inc.
Harnischfeger Corp.
Hobart Brothers Co.
Lapeer Mfg. Co.
Lincoln Electric Co., The
Linde Co.
Mallory & Co., Inc., P. R.
Miller Electric Mfg. Co., Inc.
Peer, Inc.
Trindl Products, Ltd.
Tweco Products, Inc.
Twentieth Century Mfg. Co.
Weldex Div. of The Metal Craft Co.
Westinghouse Electric Corp.

**WELDING ACCESSORIES,
SHIELDED ARC—51-031**

Air Products, Inc.
Air Reduction Sales Co.
Banner Welder, Inc.
Hobart Brothers Co.
Lincoln Electric Co., The
Linde Co.
Miller Electric Mfg. Inc.
Westinghouse Electric Corp.

WELDING CABLES—51-034

Air Reduction Sales Co.
Federal Tool Engineering Co.
Hobart Brothers Co.
Lincoln Electric Co., The
Linde Co.
Miller Electric Mfg. Co., Inc.
Trindl Products, Ltd.
Tweco Products, Inc.
Twentieth Century Mfg. Co.
Weldex Div. of The Metal Craft Co.
Westinghouse Electric Corp.

WELDING CONTROLS—51-033

Acro Welder Mfg. Co.
Air Reduction Sales Co.
Allen-Bradley Co.
Century Control Engineering
Eisler Engineering Co., Inc.
Federal Machine & Welder Co., The
Federal Tool Engineering Co.
General Electric Co.
Harnischfeger Corp.
Hobart Brothers Co.
Hughes Products, Hughes Aircraft Co.
Lincoln Electric Co., The
Linde Co.
Miller Electric Mfg. Co., Inc.
Peer, Inc.
Rayflex Co., Inc.
Scalaky Bros., Inc.
Square D Co.
Waldex Div. of The Metal Craft Co.
Weltronic Co.
Westinghouse Electric Corp.

WELDING HEADS—51-036

Air Reduction Sales Co.
Eisler Engineering Co., Inc.
Federal Tool Engineering Co.
Hobart Brothers Co.
Lincoln Electric Co., The
Linde Co.
Mallory & Co., Inc., P. R.
Rayflex Co., Inc.
Westinghouse Electric Corp.

**WELDING ELECTRODES
(see Electrodes, Welding)**

**WELDING MACHINES,
ELECTRIC ARC—51-011**

Acro Welder Mfg. Co.
Agnew Machine Co.
Air Reduction Sales Co.
Brennen, Bucc & Weber, Inc.
Calmonoy Div.
Electric Arc, Inc.
Expert Welding Machine Co.
Harnischfeger Corp.
Hobart Brothers Co.
Lincoln Electric Co., The
Linde Co.
Miller Electric Mfg., Inc.
Morton Mfg. Co.
National Electric Welding Machines Co.
Nelson Stud Welding
Niagara Machine & Tool Works
Peer, Inc.
Scalaky Bros., Inc.
Swift Ohio Corp.
Taylor-Winfield Corp.
Trindl Products, Ltd.
Twentieth Century Mfg. Co.
Wall Colmonoy Corp.
Weltronic Co.
Westinghouse Electric Corp.

**WELDING MACHINES,
ELECTRIC BUTT—51-016**

National Electric Welding Mach. Co.

**WELDING MACHINES,
ELECTRIC FLASH—51-012**

Acme Electric Welder Co.
Acro Welder Mfg. Co.
Agnew Machine Co.
Banner Welder, Inc.
Century Detroit
DoAll Co., The
Eisler Engineering Co., Inc.
Electric Arc, Inc.
Expert Welding Machine Co.
Federal Machine & Welder Co., The
Grob, Inc.

PRODUCTS

WELDING MACHINES, ELECTRIC FLASH—51-012 (cont.)

Mesta Machine Co.
National Electric Welding Machines Co.
Peer, Inc.
Precision Welder & Flexopress Corp.
Sciaky Bros., Inc.
Swift Ohio Corp.
Taylor-Winfield Corp.
Thompson Mfg. Co., Earl A.

WELDING MACHINES, ELECTRIC PROJECTION—51-013

Acme Electric Welder Co.
Acro Welder Mfg. Co.
Agnew Machine Co.
Banner Welder, Inc.
Century Detroit
Elsler Engineering Co., Inc.
Electric Arc, Inc.
Expert Welding Machine Co.
Federal Machine & Welder Co., The
National Electric Welding Machines Co.
Peer, Inc.
Precision Welder & Flexopress Corp.
Sciaky Bros., Inc.
Swift Ohio Corp.
Taylor-Winfield Corp.
Weldex Div. of The Metal Craft Co.
Westinghouse Electric Corp.

WELDING MACHINES, ELECTRIC SEAM—51-014

Acme Electric Welder Co.
Acro Welder Mfg. Co.
Agnew Machine Co.
Banner Welder, Inc.
Century Detroit
Elsler Engineering Co., Inc.
Electric Arc, Inc.
Expert Welding Machine Co.
Federal Machine & Welder Co., The
Mesta Machine Co.
National Electric Welding Machines Co.
Peer, Inc.
Precision Welder & Flexopress Corp.
Sciaky Bros., Inc.
Taylor-Winfield Corp.
Weldex Div. of The Metal Craft Co.
Westinghouse Electric Corp.

WELDING MACHINES, ELECTRIC SPOT—51-015

Acme Electric Welder Co.
Acro Welder Mfg. Co.
Agnew Machine Co.
Air Reduction Sales Co.
Banner Welder, Inc.
Brennen, Buccell & Weber, Inc.
Century Detroit
Elsler Engineering Co., Inc.
Electric Arc, Inc.
Expert Welding Machine Co.
Federal Machine & Welder Co., The
Federal Tool Engineering Co.
Linde Co.
Miller Electric Mfg., Inc.
National Electric Welding Machines Co.
Peer, Inc.
Precision Welder & Flexopress Corp.
Sciaky Bros., Inc.
Scientific Electric Inc.
Swift Ohio Corp.
Taylor-Winfield Corp.
Weldex Div. of The Metal Craft Co.
Westinghouse Electric Corp.

WELDING MACHINES, GAS—51-017

Agnew Machine Co.
Air Reduction Sales Co.
Dockson Corp.
Expert Welding Machine Co.
Linde Co.

WELDING MACHINES, STUD—51-020

Nelson Stud Welding

WELDING MACHINES, THERMIT—51-018

Expert Welding Machine Co.

WELDING MACHINES, ULTRASONIC—51-019

Aeroprojects Inc.
Expert Welding Machine Co.
Gulton Industries, Inc.

Testing Machines, Inc.
Westinghouse Electric Corp.

WELDING RODS (see Rods, Welding)

WELDING TORCHES & TIPS—51-039

Air Products, Inc.
Dockson Corp.
Linde Co.
Smith Welding Equip. Corp.
Staats & Staats, Inc.
Trindl Products, Ltd.
Weldit, Inc.

WELDING TRANSFORMERS—51-035

Aero Welder Mfg. Co.
Banner Welder, Inc.
Brennen, Buccell & Weber, Inc.
Elsler Engineering Co., Inc.
Federal Machine & Welder Co., The
Federal Tool Engineering Co.
General Electric Co.
Hobart Brothers Co.
Lincoln Electric Co., The
McKay Machine Co., The
National Electric Welding Machines Co.
Tweco Products, Inc.
Sciaky Bros., Inc.
Weldex Div. of The Metal Craft Co.
Westinghouse Electric Corp.

WHEEL DRESSERS—13-138

Abrasive Dressing Tool Co.
Accord Tool & Machine, Inc.
Aer-O-Matic Tool Div., Engman-Taylor Co., Inc.
Amco Machine & Tool, Inc.
American Coldset Corp.
American Diamond Tool Corp.
American Diamond Tool & Gauge Co.
American Standard Co.
Besly-Welles Corp.
Black & Decker Mfg. Co., The
Carborundum Co., The
Cleveland Industrial Tool Corp.
Clipper Diamond Tool Co., Inc.
Consolidated Diamond Tool Corp.
Crafts Co., Inc., Arthur A.
Craine-Schwartz Diamond Tool Co.
Custanite Corp., The
Delta Diamond Wheel Corp.
Dessau Co., Inc., Maurice S.
Desmond-Stephan Co., The
Devine Brothers Co.
Diamond Productions, Inc.
Diamond Tool Research Co., Ltd.
Di-Tru Diamond Tool Co.
DoAll Co., The
Ex-Cell-O Corp.
Fish-Schurman Corp.
Form-All Mfg. Co.
Frauenthal Div.
Fuller Merriam Co., The
General Industrial Diamond Co., Inc.
Gilmore & Co., Inc., F. F.
Glebar Co., Inc.
Glover Mfg. Co.
Hardy Tool & Machine Div., Spectrol Corp.
Harig Mfg. Corp.
Harmon Machine Co., Inc.
Heald Machine Co., The
Hoglund Engineering & Mfg. Co., Inc.
International Abrasive Corp.
J & S Tool Co., Inc.
Jean Mfg. Co.
Jerpak-Bayless Co.
Jones & Lamson Machine Co.
Lee Co., K. O.
Koebel Diamond Tool Co.
Kuzmick Co., Paul L., The
Landau, Herbert H.
Last Word Sales Co.
Magic City Mach. & Tool Co.
Max Mfg. Co.
Meyers Co., W. F.
Monarch Machine Shop, Inc.
Montgomery & Co., Inc.
Moore Special Tool Co., Inc.
Mutual Machine Co., Inc.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Newman, L.
Norton Co., Abrasive Div.
Parsons Diamond Products, Inc.
Penn Scientific Products Co.
Permatatch Diamond Tool Co.
Pratt & Whitney Co., Inc.
Precision Diamond Tool Co.

Precision Truing Tool & Mfg. Co., Inc.
The
Rochelleau Tool & Die Co., Inc.
Ross Mfg. Co.
Rothfuss Tool Co.
Scherr Co., Inc., George
Sciaky Bros., Inc.
Service Diamond Tool Co.
Sheffield Corp., The
Simmonds Abrasive Co.
Smit & Co., Inc., Anton
Smit & Sons, Inc., J. E.
Somerset Tool Co.
Sperman Metal Specialties
Standard Tool Co.
Steptool Corp.
Super-Cut, Inc.
Taft-Feirce Mfg. Co., The
Thompson Mfg. Co., Earl A.
Threadwell Tap & Die Co.
U. S. Electrical Tool Co.
United Diamond Tool Co.
Van Norman Machine Co.
Vincor Corp.
Walker-Turner Div.
Wheel Dressing, Inc.
Wheel Truing Tool Co.
Willey's Carbide Tool Co.

WIRE & BAR DRAWING MACHINES (see Drawing Machines, Wire & Bar)

WORK HOLDERS & GUIDES—12-104

Acme Mfg. Co.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Chemical Development Corp.
Lassy Tool Co.
Montgomery & Co., Inc.
Tietzmann Tool Corp.
Universal Vise & Tool Co.

WORK REST BLADES—12-181

Carbide Tools, Inc.
Cincinnati Milling Machine Co.
Cliff Sales Co.
Crafts Co., Inc., Arthur A.
Dayton Carbide Tool Co., Inc.
Madison-Relco Tool Co.
Meyers Co., W. F.
Ohio Knife Co., The
S & E Machine Products, Inc.
Schmarje Tool Co.
Scully-Jones & Co.
Staats & Staats, Inc.
Valentia Metals Div.
Van Norman Machine Co.
Willey's Carbide Tool Co.

WRENCHES—57-033

Aetna Mfg. Co.
Allen Mfg. Co.
Armstrong Bros. Tool Co.
Bay State Tap & Die Co.
Beaver Tool & Engineering Corp.
Billings & Spencer Co., The
Bonney Forge & Tool Works
Custanite Corp., The
Duro Metal Products Co.
Greenfield Tap & Die
Holo-Krome Screw Corp., The
Hunter Tools
Jo-Line Tools, Inc.
Kramer Fabricating Co., The
Lapeer Mfg. Co.
Lowell Wrench Co.
Malcus Tools Corp.
Manzel, Inc.
Millers Falls Co.
Proto Tool Co.
Ridge Tool Co., The
Snap-on Tools Corp.
Stevens Walden, Inc.
Thor Power Tool Co.
Threadwell Tap & Die Co.
Williams & Co., J. H.

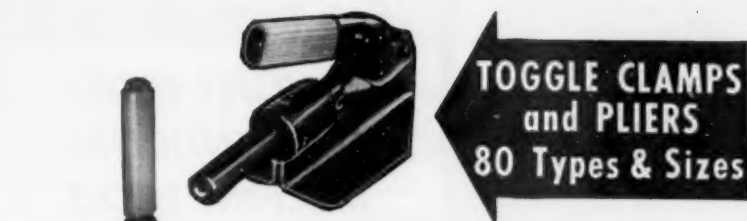
WRENCHES, TORQUE (see Torque Wrenches)

X-RAY INSPECTION EQUIPMENT—62-050

Allis-Chalmers Mfg. Co.
Curtiss-Wright Corp.
Hughes Products, Hughes Aircraft Co.
Machlett Laboratories, Inc.
Westinghouse Electric Corp.
Westinghouse Electric Corp.

ZINC (see Lead, Tin, Zinc)

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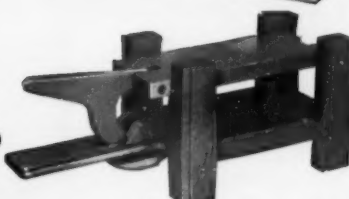
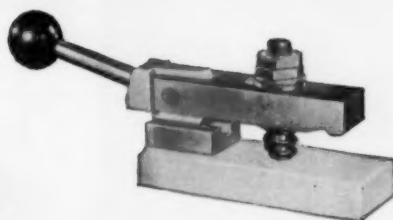
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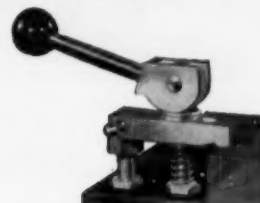
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WESPO fixture clamp assemblies save up to 70 percent on your own designing and machining. They are being used as standard by a large number of leading manufacturers.

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Special bolts available to 1 $\frac{1}{2}$ " body diameter and 3" Square Head. All bolts except $\frac{1}{2}$ " and $\frac{3}{8}$ " available with Hexagon Heads... Hardened Nuts and Ground Washers available for all size bolts.

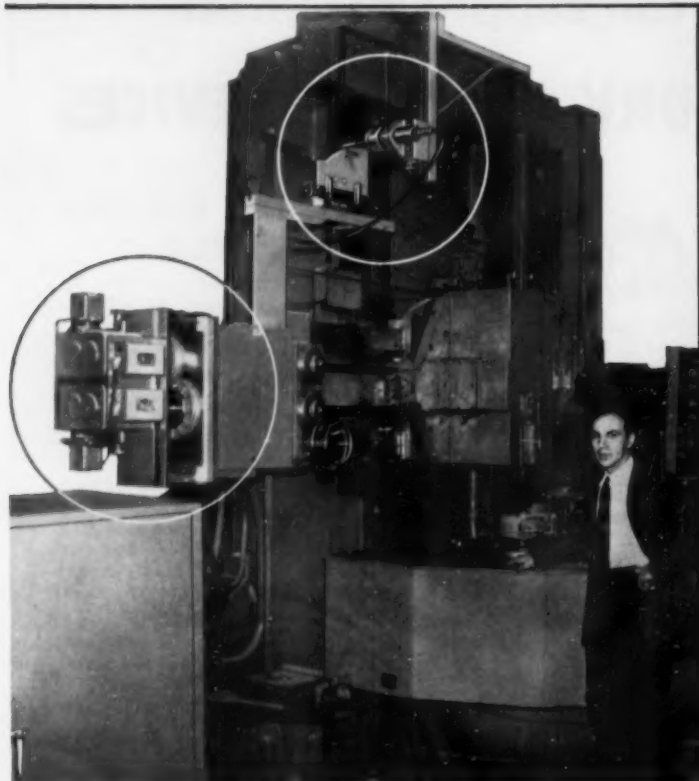


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Duplimatic controls vertical turret lathe

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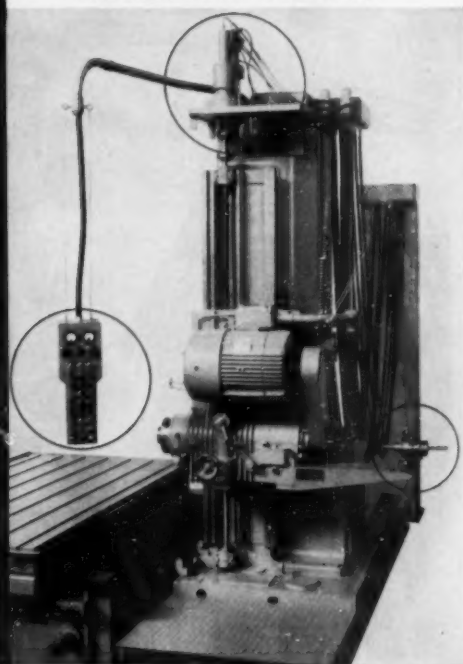
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CONVENTIONAL
MACHINE TOOLS**



Duplimatic controls horizontal boring mill

Duplimatic attachments will maintain extremely close tolerances and high operating speeds, *limited only* by the capabilities of the machine tool itself.

**TRACER
CONTROL
COMPANY**

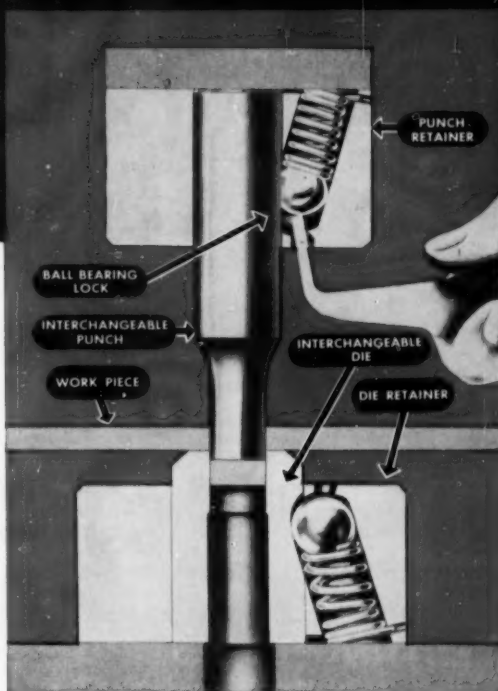
595 E. TEN MILE ROAD, P. O. BOX 6

HAZEL PARK, MICHIGAN

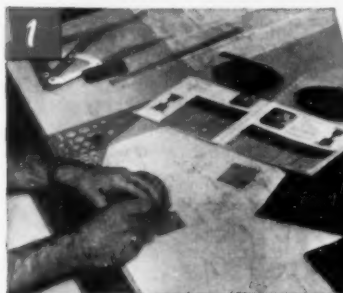
You Save Time and Cut Costs with R-B PUNCHES and DIES

How They Work...

R-B punches and die buttons are locked in standard or special retainers which are mounted on the die shoes. A spring-loaded ball lock produces positive radial alignment and vertical locking; *no additional keying is necessary regardless of the size or shape of the punch.* Up to $\frac{3}{4}$ " stock can be pierced. R-B punches and dies are easy to insert; push and twist and they're locked. They're easily removed, too. Retainer holes provide for insertion of tanged tool which releases ball and allows instant removal of punch or die.

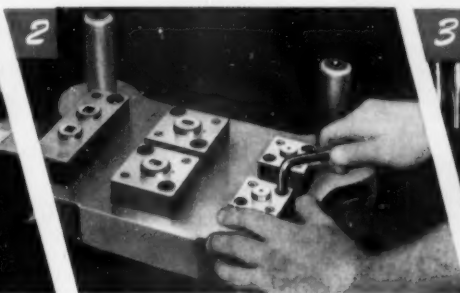


HOW THEY SAVE TIME AND CUT COSTS...



IN DIE DESIGNING

... you save "board time" by working with the standardized R-B concept of punches, die buttons, punch retainers and die button retainers. R-B standardized equipment reduces drafting time to cut your costs.



IN DIE CONSTRUCTION

... you save "building time" because R-B punches, die buttons, punch retainers and die button retainers are furnished completely finished. R-B saves skilled die-maker's time to cut your costs.



IN DIE OPERATION

... you save "press time" because R-B punches and die buttons are instantly removed and replacements quickly inserted. Inherent accurate alignment and positive locking keep press down-time at a minimum to cut your costs.



For Additional Information or Engineering Service, Write to:

RICHARD BROTHERS PUNCH DIVISION
ALLIED PRODUCTS CORPORATION

DEPT. 93

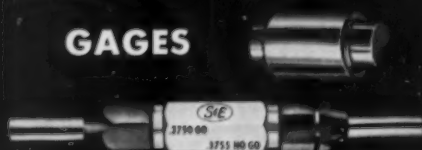
36490 CAPITOL AVENUE

DETROIT 39, MICHIGAN

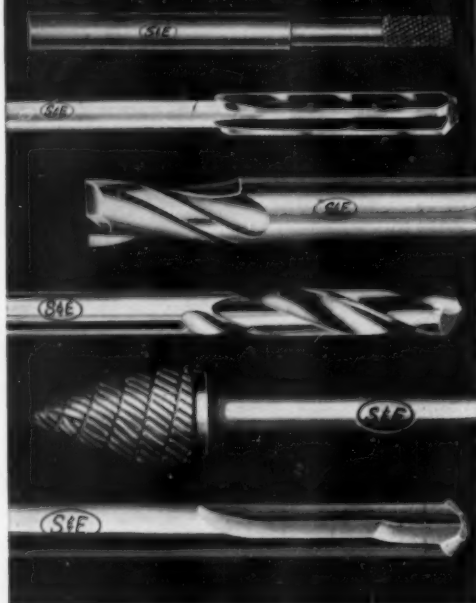
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GAGES



CUTTING TOOLS



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in **S&E** Tungsten Carbide Tools

— IS FREE

Tool performance that increases your production and profits—yet costs you less money . . . it's what you want and what you get —when you use **S&E TOOLS**

That extra quality is no accident. It is the product of more than 20 years experience in the design and manufacture of Tungsten Carbide Tools.

Prove to your own satisfaction that the performance and stamina you need in tooling today—you get in S&E. A fully illustrated catalog of standard and special tools is available upon request.



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Brilliant Performers
Join the Original
Carbide Tool Line

New solid carbide
single flute countersink
#CS and center lap #CL.



Solid carbide flute section increases rigidity, eliminates chatter. Sharpening is by face grinding only. #CS has 82° taper, #CL has 60°. Available in 1/8", 1/4", 3/8" diameters, all 1/4" shanks. #CS available to order with 60° taper.

Instead of usual carbide tipped flutes, solid flute section provides much greater strength, less chatter, longer cutting life, less danger of breakage. Costs less than full length solid carbide construction. #RCS, fractional sizes 1/4" to 3/4". #RCB, decimal sizes .230" to .760", ground to specifications.

New straight shank carbide chucking reamer, #RCB and #RCS, with solid carbide flute section.



Milling cutters now in stock with premium carbide grades.



Standard and special carbide single point bits—turning, facing, threading, boring.



Reamers, all types. Stub screw machine and carbide tipped shown.



Carbide tipped and solid carbide twist drills, straight and tapered shanks, every type and purpose.



End mills, straight and spiral flute, solid and carbide tipped; for aluminum, iron, steel and other materials.

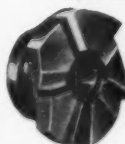
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Pilot reamer shown.



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OTHER PRECISION-BUILT COST SAVING UNIVERSAL PRODUCTION TOOLS



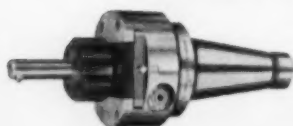
Floating Chuck



Standard Collet Chuck



Mikro-Lok Boring Bar



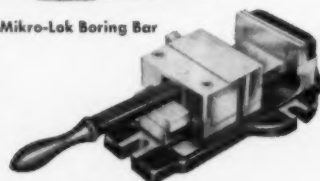
Boring Chuck



"Kwik-Switch"
Tool Holder



Standard Drill Bushing



Wedge-Lock
Production Vise

UNIVERSAL ENGINEERING COMPANY,

FRANKENMUTH 3, MICHIGAN

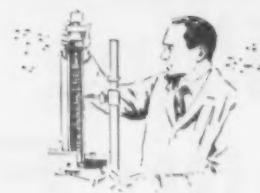
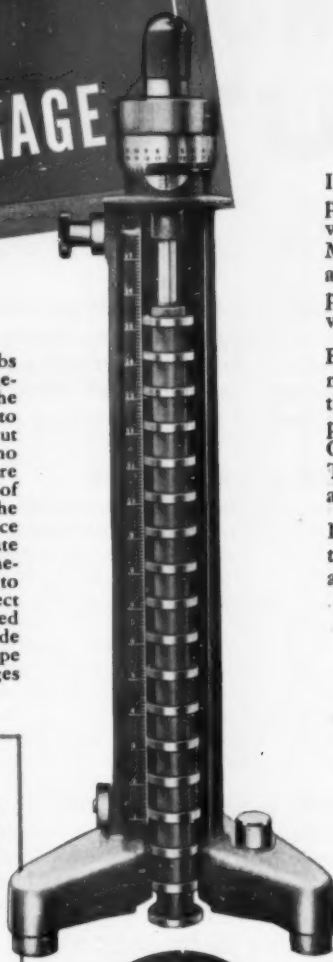
Products of Precision by CADILLAC GAGE

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In thousands of installations on innumerable jobs PLA-CHEK Gages are daily proving their time-saving and money-saving advantages, both at the surface plate and the machine. Extremely easy to operate—and fast, too,—PLA-CHEK Gages cut inspection time from minutes to seconds with no loss of accuracy. No auxiliary gage blocks are necessary. PLA-CHEK'S measuring bar is made of deep-frozen, strain-free alloy steel. Steps on the bar are exactly 1" apart. Because of its one-piece construction, steps cannot change or separate with age. Adjustment of the bar is by the micrometer thimble at top. Since it is not necessary to touch the measuring bar, body heat cannot affect it. All reference surfaces are ground and lapped to extremely close tolerances. Precision-made risers, which give PLA-CHEK even more scope and are engineered as accurately as the gages themselves, are available for all models.

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PLA-CHEK Gages are available in a full range of sizes to meet every inspection or surface plate layout requirement. Models are: The easily portable 6", 12" and 18" sizes, each guaranteed accurate throughout its entire range to .00005"; the 24" guaranteed to .0001" over its entire range; and the 36" and 48" sizes guaranteed accurate to .0001" in any 24" length or .0002" over their entire range.



If it's precision you want—guaranteed precision—you've come to the right place when you specify Cadillac Gages and Measuring Instruments. For Cadillac is a name built over the years on accuracy, precision, quality, long instrument life, value and economy.

From the famous PLA-CHEK Gages, now proved in hundreds of plants throughout industry, through the complete line of Thread Ring, Thread Plug, Cylindrical Ring, Cylindrical Plug, Pipe Thread and Concentricity Gages, neither accuracy nor quality is ever sacrificed.

If your operations require really close tolerances, specify Cadillac Gages . . . and get guaranteed accuracy.



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Deep frozen for stability and long life, Cadillac Cylindrical Ring Gages reproduce assembly conditions exactly.



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Full length of gaging member is available for inspection. Worn or damaged end may be reversed in collet. Available in a full range of sizes.



THREAD RING GAGES

Manufactured of the finest alloy steel, these gages are heat and cold-treated for maximum stability. They are carefully lapped and closely inspected under controlled conditions.



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Available in a full range of sizes, these cylindrical plug gages provide unconditionally guaranteed accuracy.

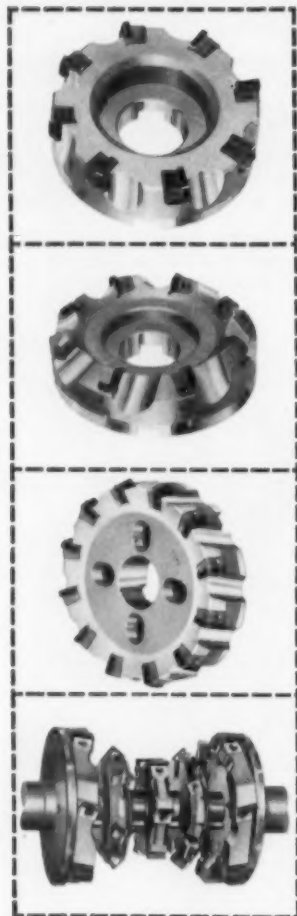
Cadillac

GAGE COMPANY

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More Milling Possible... Milling More Profitable with **FUTURMILL**

and a handful of carbide blades



Futurmill's indexable milling cutters converted so many **slow and expensive** machining methods to **fast, low cost** operations, that they established the value of "indexable tooling" . . . recognized as one of today's most important contributions to metalworking progress.

1. Lower cost metal removal

Futurmill takes the burden out of milling with inexpensive indexable carbide blades. No need to remove the cutter from the machine . . . no more cutter grinding and no more delays and lost production time. Index a Futurmill quickly and accurately, right on the machine. Eight times per blade with negative rake cutters and four times with positive. Futurmill's precision ground blades get the finest finish obtainable and more metal removed per cutting edge.

2. Plenty of muscle for any job

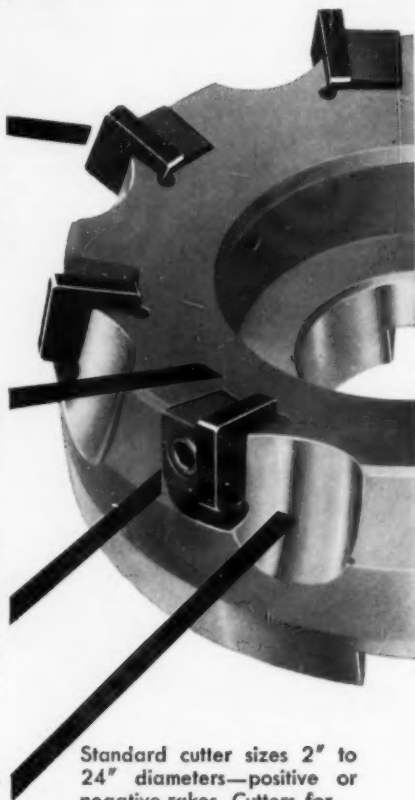
The cutter body is a solid one piece construction of heat treated alloy steel . . . not only the most rigid cutter built . . . but precision built.

3. Protection for the cutter body

The case hardened wedges behind the blades absorb the damage in case of an accident and save the cutter body . . . cutting down expense and lost production time for cutter repair or replacement . . . reducing inventory investment. With just a few extra wedges you're back in production.

4. Unobstructed chip clearance

Huge chip pockets in front of the blades direct the chips **out and away** from the cut—critical on steel applications and on deep cuts.



Standard cutter sizes 2" to 24" diameters—positive or negative rakes. Cutters for special applications.

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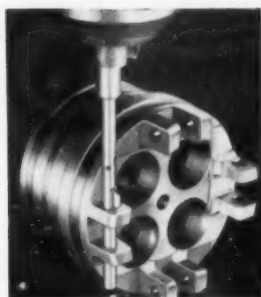
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SECONDS for hole finishing

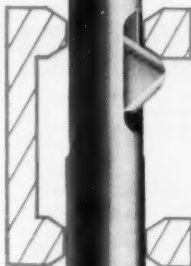
...with specialized Cogsdill metalworking tools:

The growing number of new and successful applications for Cogsdill hole finishing tools has provided our customers with important savings in production time and greater efficiency from their production equipment.

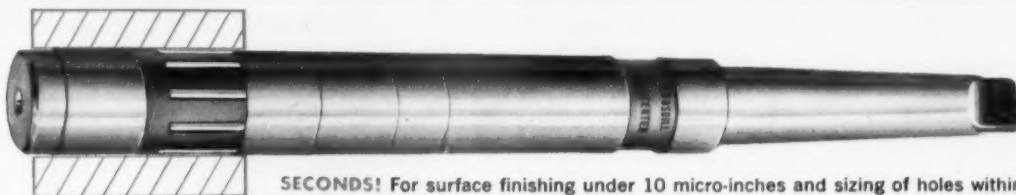
Let our engineering staff prove their ability to design variations of the basic tools displayed here to meet your specific production needs.



SECONDS! For deburring and chamfering both front or back surfaces of holes with the Cogsdill Burroway tool.



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Robbins

MAGNA-SINE and Non-Magnetic SINE PLATES



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Robbins angular tooling equipment often pays for itself the first few times you use it . . . and it *always* saves dollars of valuable time wherever it's used. Setups that require *hours* by other methods take just minutes the Robbins way. Set up to machine, grind or inspect any angle in just four simple steps: (1) Look up required angle in Table of Constants furnished with unit, (2)

Select gage blocks indicated, (3) Place blocks between base and sine bar swivel block, (4) Secure the work . . . and you're ready to go! This simple, fast, sure method sets up any angle, single or compound, right or left hand, without V-blocks, angle plates or complicated "build-ups". Complete range of models and sizes for any shop, large or small.

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Model Number	Working Area
B-3-MS	4" x 4"
B-5-MS	6-1/2" x 6-1/2"
B-10-MS	6" x 11-1/2"
B-20-MS	7-1/2" x 20-1/2"

SINE PLATE for Single Angles



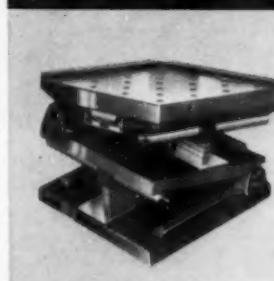
Model Number	Working Area
B-3-SP	4" x 4"
B-5-SP	6-1/2" x 6-1/2"
B-10-SP	7-3/4" x 12-1/2"
B-12	12" x 12"
B-24	24" x 24"

MAGNA-SINE for Single & Compound Angles



Model Number	Working Area
A-5-MS	6-1/2" x 6-1/2"
A-10-MS	6" x 11-1/2"
A-20-MS	7-1/2" x 20-1/2"

SINE PLATE for Single & Compound Angles



Model Number	Working Area
A-5-SP	6-1/2" x 6-1/2"
A-10-SP	7-3/4" x 12-1/2"

For further information regarding Robbins Magna-Sines or non-magnetic Sine Plates, write to:

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FORD PRECISION TOOLS CUT BETTER, FASTER. Long-run production economy begins with H.S.S. and Solid Carbide Ford tools. Cutting edges stay sharp longer. Resharpener time and costs are reduced. Part reject rate is cut.

In a full size range, Ford precision tools are available for all production cutting jobs in ferrous, non-ferrous and non-metallic materials. Consult Ford for your special tool requirements, too.

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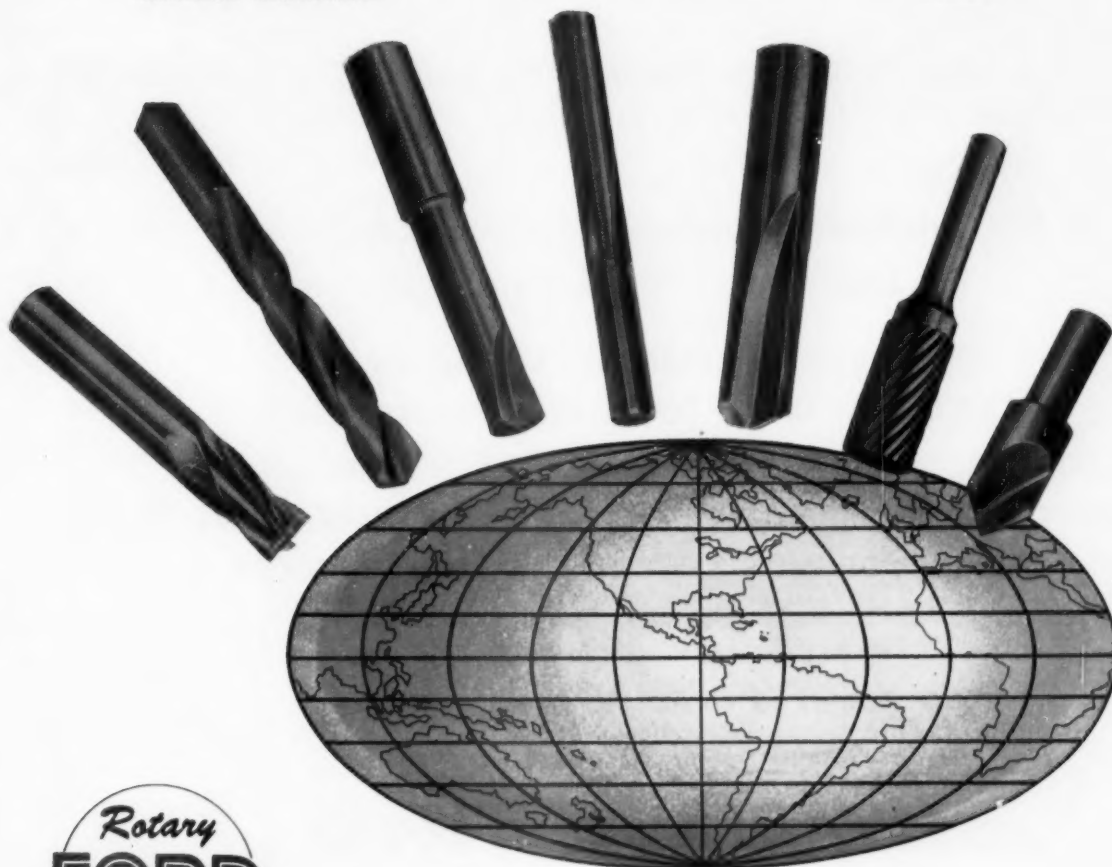
SPIRAL FLUTE DRILLS

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COUNTERSINKS

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LARGE AND SMALL TOOLMAKER'S MICROSCOPES
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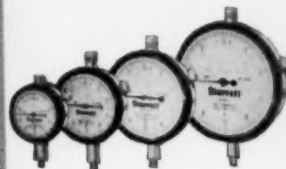
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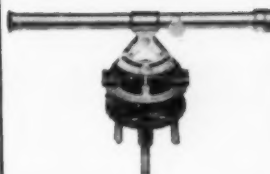
TOOL STEEL
FLAT STOCK



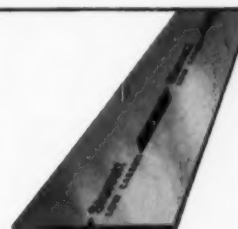
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LOW CARBON
FLAT STOCK

gaging... micro-inches or miles

**FLATNESS, STRAIGHTNESS,
ANGLES TO .000001"***

POINT ALIGNMENT TO .0002"

1

2

**ROUNDNESS,
CONCENTRICITY TO .000001"**

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5

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Detects change of angle to .1 second direct reading—range, 10 minutes. *The universal optical tooling instrument to test alignment, straightness, flatness, squareness, angles to better than .000001" per inch.

2. MICRO-ALIGNMENT TELESCOPE

For alignment of all points at any distance; built-in standard and high precision micrometers; improved auto-reflection and auto-collimation equipment for precise squareness setting. Complete projection accessories.

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The electronic master instrument to measure

and record roundness and concentricity on all products of circular cross section. Full range of magnifications, motorized adjustments, for diameters from .01" to 12".

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For all accurate angular settings over 360 degrees; reading direct to 1 second or to 10 seconds. The most precise instruments of a complete range.

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FASTER, BETTER, CHEAPER WITH RICHARDS
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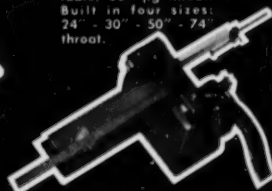
You save up to 90% in time and costs when you make steel rule dies in your own plant! Production costs and waiting time go down when Richards Equipment goes to work for you! More and more progressive manufacturers are turning to steel rule dies for faster, higher-profit work on all types and gauges of metal.

Richards' fifty years of experience as pioneer manufacturers of steel rule die-making equipment and supplies provides you with a complete service. Write today for full details on Richards "Multiform" Heavy Duty Benders and Cutters and "Electromatic" Precision Die Saws.

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"Electromatic" Super Die Saw. 42" x 52" table, 50" jig throat. Built in four sizes: 24" - 30" - 50" - 74" throat.



"Atlas" straight steel rule cutting machines No. 3AC5.



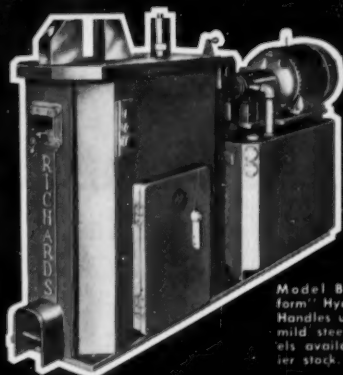
"Multiform" Heavy Duty Bender No. 4HDC. Produces an infinite variety of bends using standard tools.

Multiform Benders

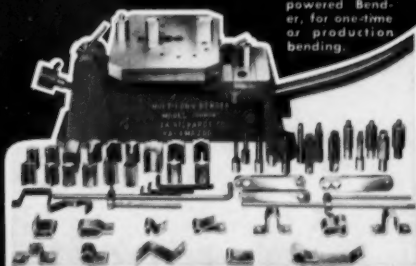
ELIMINATE SPECIAL TOOLING COSTS! REDUCE SET UP TIME . . . BOOST PRODUCTION!

Now: Richards "Multiform" Benders — self-contained machines each with standard tools—produce an infinite number of different bends on all types of stock. On one-time jobs or production runs, Richards eliminates the need for special tools . . . provides fast set up. "Multiform" Benders provide wide clearance for loading and unloading and forming practically any shape. Hand, air or hydraulic powered models available for high-speed bending on stocks up to 1/2" x 8" for bus bar, aircraft, stamping work, etc. Investigate this newest, fastest, most profitable method of bending now. Write for full details.

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NORTH PITCHER STREET, KALAMAZOO, MICHIGAN



Model BB-H "Multi-form" Hydraulic Bender. Handles up to 1/2" x 6" mild steel. Other models available for heavier stock.

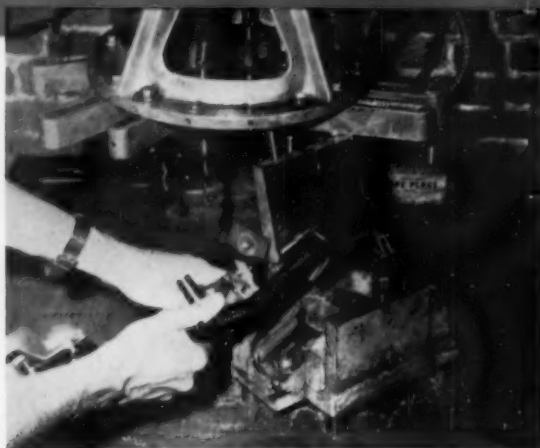


Model SHDSB "Multi-form" hand-powered Bender, for one-time or production bending.

MARRINER COMBING COMPANY SAVES \$1,000 and several days downtime with

PLASTIC STEEL®

A broken centrifuge machine at the Marriner Combing Company, leading wool top manufacturers, stopped production on an important order. If conventional methods were used, the time for repairs would be several days and the cost would be over \$1,000. However, PLASTIC STEEL was used to make on-the-spot repairs and the machine was back in operation in a half hour at a cost of less than \$5.00.



Hundreds of other companies throughout industry have used PLASTIC STEEL (and other Devcon products) for general and emergency repairs. They have found that they can save costly hours of downtime and substantial dollar savings in repairing and rebuilding machinery—fixing leaking pipes, tanks and hydraulic systems—building-up worn pumps, valves and castings—and altering cams and gears.

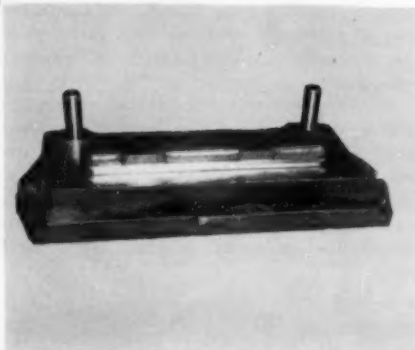
These companies have also found that PLASTIC STEEL can save them up to 75% in time and 25% to 75% of total costs in making accurate jigs, dies, molds, patterns, and fixtures. It makes a precision form of the original without shrinkage or distortion.

PLASTIC STEEL is as easy to use as modeling clay—can be formed into any shape. It bonds iron, steel, brass, copper, lead, wood, glass or porcelain to itself or each other. Hardens to steel-like strength in two hours—even under water. No heat, pressure or flame is required. PLASTIC STEEL makes permanent, durable repairs. Can be drilled, tapped, filed or sawed with regular metalworking tools. It is unaffected by most solvents, oils and chemicals—won't rust or corrode. Can be stored indefinitely.

Proven in use by leading manufacturers, PLASTIC STEEL can save you hundreds of hours... thousands of dollars... on all types of maintenance and repairs at your plant.

Free booklet describes how you can cut lost production time to a minimum... shows a few of the 1001 uses in industry. Write for your copy of Bulletin 102-3.

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IN ALL MAJOR CITIES
Distributed by leading industrial suppliers



Male portion of forming used on 40-ton press.
Total working time for die only 30 minutes.

Manufactured by

DEVCON CORPORATION
301A ENDICOTT STREET, DANVERS, MASS.



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Manufacturers in this section are listed alphabetically. Wherever a corporation has more than one subsidiary, multiple listings are provided and cross referenced.

The key listings which appear after the names and addresses of the manufacturers identify their sales offices. Each sales outlet is represented by a state and number. In cases where the manufacturer has more than one sales office in a given state, that state name is not repeated.

Some manufacturers in this section do not list sales outlets. In these cases, the user is requested to "Contact Manufacturer Direct."

Advertisers are identified with the notation, "See Advertisement on Page ---."

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— A —

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S. C. 61

AA GAGE CO.

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1402—Ore. 61—Tex. 316—Va. 66

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Cal. 203—Ill. 308—Mass. 124—Mich. 444,
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1410—Ore. 104—Pa. 922—Tex. 371—
Canada 193

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Mass. 177, 311—Mich. 800, 1376—
N. J. 509—N. Y. 625—Ohio 116, 180, 819—
Pa. 1004—Tex. 100—Wash. 5—Wis. 277

ACF INDUSTRIES, INC.

See Nuclear Products—Erco

A. I. T. DIAMOND TOOL CO.

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Ariz. 33, 104—Cal. 49, 122, 417, 532, 788,
1014—Colo. 70—Conn. 8—Ill. 195, 465,
859, 890, 925, 1071, 1277—Ind. 295—
Ky. 127—Md. 137, 217—Mich. 318, 887—
Minn. 272—Mo. 103—N. J. 566—N. Y. 195,
636—N. C. 137—Ohio 669, 1286, 1684—
Okla. 22—Ore. 71—Pa. 176, 290, 1161,
1236—Tenn. 106—Tex. 865

A-K TOOL CO.

Div. of Precision Processing Co.
3369 Casitas Ave.
Los Angeles 39, Cal.
(Contact manufacturer direct)

AMF TOOL DIV.

American Machine & Foundry Co.
224 Glenwood Ave.
Bloomfield, N. J.
Ariz. 112—Cal. 1528—Colo. 75—Conn. 54,
220—Del. 12—D. C. 30—Fla. 248—
Ga. 156—Idaho 13—Ill. 69—Ind. 109,
235—Kan. 25—Ky. 63—Md. 216—
Mass. 69—Mich. 219, 860—Minn. 257—
Mo. 545—Neb. 32—N. C. 76—Ohio 1011—
Okla. 131—Ore. 131—Pa. 178, 689—
R. I. 70—Tex. 112—Vt. 17—Va. 151—
Wash. 172—W. Va. 12—Wis. 163—
Canada 254

AARON MACHINERY CO., INC.

45 Crosby St.
New York 12, N. Y.
Cal. 305, 1033—N. J. 203—N. Y. 157, 642,
682—Tex. 481

ABART GEAR & MACHINE CO.

4830 W. 16th St.
Chicago 50, Ill.
Iowa 99—Mich. 331—Minn. 50—
Mo. 154—N. Y. 733—Wis. 304—
Canada 119, 617

ABBEY ETNA MACHINE CO.

E. Indiana Ave.
Perrysburg, Ohio
Cal. 747—Ga. 167—Ill. 49—Ind. 352—
Mich. 50—Mo. 319—N. J. 551

ABBOTT BALL CO., THE

Railroad Pl.
Hartford 10, Conn.
Cal. 353, 1132—Conn. 408—Ill. 908—

Mich. 447—Mo. 133, 314—N. Y. 406,
893—Ohio 30, 708, 1246—Pa. 740—
Tex. 55—Canada 604

ABER ENGINEERING WORKS INC.

513 Aber Dr. (P. O. Box 456)
Waterford, Wis.
Cal. 717—Ga. 148—Ill. 989, 1060—
Ind. 545—Mass. 597—Mich. 219—
Mo. 528—N. Y. 724, 1191, 1638—
Ohio 1161—Pa. 596—Wis. 424

ABRASIVE ASSOCIATES

34 Robert
Wallington, Conn.
Cal. 658, 1270—Colo. 155—Conn. 47, 359,
505—D. C. 79—Ill. 788, 1196—Mass. 565,
604—Mich. 104, 490, 569, 1233—Mo. 187,
441, 454—N. J. 508, 573—N. Y. 987, 1198—
Ohio 197, 774—Pa. 200, 595—R. I. 27—
Wash. 19—Wis. 347

ABRASIVE DRESSING TOOL CO.

14528 Second Blvd.
Detroit 3, Mich.
Cal. 665, 878—Ill. 65, 1085—Ind. 197—
Mass. 376—Mich. 1087—Minn. 83—
Mo. 606—N. Y. 730—Ohio 315, 1228, 1644,
1396—Pa. 968, 1234—Tex. 182—Wis. 293

ABRASIVE MACHINE METHODS CORP.

See Nu-Matic Grinders, Inc.

ABRASIVE & METAL PRODUCTS CO.

See Peninsular Grinding Wheel Div.

ABRASIVE PRODUCTS, INC.

Pearl St.
South Braintree 85, Mass.
Cal. 307—Ill. 391, 403—Ind. 141—
Me. 14—Mass. 458—N. Y. 148, 1554—
N. C. 199—Pa. 147, 542, 793, 1337—
Tex. 410—Vt. 17

ACCORD TOOL & MACHINE, INC.

26542 W. Eight Mile Rd.
Detroit 41, Mich.
(Contact manufacturer direct)

ACC-U-MAT MACHINE CO.

40 Exchange Pl.
New York 5, N. Y.
Cal. 672—Conn. 517—Mich. 625—
Ohio 709, 1106—Pa. 1102

ACCURATE BUSHING CO.

443 North Ave.
Garwood, N. J.
(See advertisement p. 33)
(Contact manufacturer direct)

ACCURATE GEAR RACKS

4657 N. Pulaski Rd.
Chicago 30, Ill.
(Contact manufacturer direct)

ACCURATE SPRING MANUFACTURING CO.

3811 W. Lake St.
Chicago 24, Ill.
Cal. 655—Ind. 420—Mich. 260—Mo. 153,
420—N. Y. 269—Ohio 691, 1211—Wis. 252

ACCURITE SURFACE PLATE CO.

4661 Alger St.
Los Angeles 39, Cal.
Ariz. 39, 49, 72—Cal. 49, 75, 81, 98, 214,
218, 230, 309, 326, 424, 425, 427, 434, 496,
600, 678, 893, 914, 965, 1004, 1070, 1198,
1205, 1259, 1319, 1377, 1432, 1456, 1470—
Colo. 207—Fla. 31—Ill. 141, 233, 357,
585—Ind. 117, 273—Kan. 127—Md. 13—
Mass. 649—Mich. 223, 389, 393, 954—
Minn. 288—N. Y. 524—Ohio 179, 1225—
Okla. 111, 129—Pa. 562—Tex. 115, 685,
736—Wash. 128, 143—Canada 195

ACE ABRASIVE LABORATORIES, INC.

35 Roselle St.
Mineola, L. I., N. Y.
(Contact manufacturer direct)

ACE DRILL BUSHING CO. INC.

5407 Fountain Ave.
Los Angeles 29, Cal.
Mich. 141—N. J. 307

ACE DRILL CORP.

2600 E. Maumee
Adrian, Mich.
Cal. 657—Colo. 107—Conn. 260, 329, 477—
Ga. 246—Ill. 642, 1281—Ind. 74, 240—
Kan. 25—Ky. 127—Mass. 431—Mich. 3,
109, 315, 1103, 1205—Minn. 113—Mo. 469—
N. J. 585—N. Y. 119, 626, 1368—Ohio 174,
878, 1081, 1260, 1654—Pa. 295, 650,
888—Tex. 218—Wis. 293

ACHESON COLLOIDS CO.

Div. of Acheson Industries, Inc.
1625 Washington Ave.
Port Huron, Mich.
Cal. 980—Ill. 52—Mass. 37—Mich. 142—
Mo. 276—N. Y. 686, 1256—Ohio 473,
1159—Pa. 410, 767—Wis. 92

ACME BROACH CORP.

14100 Platt Rd.
Milan, Mich.
Cal. 359, 704, 1460—Colo. 142—D. C. 47—
Fla. 155—Ga. 18—Ill. 278—Ind. 326—
Kan. 127—Md. 33—Mich. 1034, 1123—
Minn. 177—Mo. 418—N. Y. 195, 1059—
N. C. 114—Ohio 937, 1654—Pa. 449, 1102—
Tex. 314, 491, 747—Utah 65—Wis. 424

ACME-DANNEMAN CO., INC.

45 W. 18th St.
New York City 11, N. Y.
(Contact manufacturer direct)

ACME ELECTRIC WELDER CO.

2618 Fruitland Ave.
Los Angeles 58, Cal.
Ariz. 13, 104—Cal. 263, 458, 1247—
Colo. 82—Fla. 156—Ill. 376—Minn. 183—
N. Y. 719—Okla. 32—Ore. 61, 97—
Tex. 250, 832—Utah 84—Canada 86, 640

ACME INDUSTRIAL CO.

200-222 N. Laffin St.
Chicago 7, Ill.
Ariz. 110—Cal. 971, 1211—Colo. 23, 63—
Conn. 330, 380—Fla. 336—Ga. 191—
Ill. 166, 1095, 1199—Ind. 259, 387, 569—
Iowa 24, 70—Ky. 111—Mass. 385—
Mich. 607, 718, 983, 1267—Minn. 216—
Mo. 82, 295, 469—Neb. 9—N. Y. 220, 688,
1329, 1582—N. C. 261—Ohio 392, 716, 1120,
1194, 1314, 1598—Pa. 221, 553, 778—
Tenn. 124—Tex. 685, 884—Wash. 236,
241—Wis. 241, 408

ACME INDUSTRIAL PRODUCTS, CO.

111 E. 12 Mile Rd. (P. O. Box 468)
Royal Oak, Mich.
Ill. 977, 1174—Ind. 403—Iowa 52—
Ky. 81—Minn. 218—N. Y. 1484—
Ohio 951, 1336, 1637—Pa. 411—Tenn. 148,
269—Wis. 89—Canada 519

ACME MANUFACTURING CO.

1400 E. Nine Mile Rd.
Detroit 20, Mich.
(Contact manufacturer direct)

ACME SCIENTIFIC CO.

1450 W. Randolph St.
Chicago 7, Ill.
Cal. 678, 1432—Conn. 137—Mich. 431—
Minn. 49—Mo. 295—N. Y. 1147, 1327,
1489—Ohio 1188—Wash. 86

ACME STEEL CO.

135th St. and Perry Ave.
Chicago 27, Ill.
Mich. 144—Mo. 277—Ohio 134

ACME TOOL CORP.

71 W. Broadway
New York 7, N. Y.
(Contact manufacturer direct)

ACORN IRON & SUPPLY CO.

Delaware Ave. and Poplar St.
Philadelphia 23, Pa.

ACOUSTICA ASSOCIATES, INC.

26 Windsor Ave.
Mineola, N. Y.
Cal. 311—Conn. 223—D. C. 50—Fla. 19—
Ill. 379, 589, 893, 902, 906—Kan. 96—
Mass. 336—Mich. 695—N. J. 60—N. Y. 62,
863, 869, 1043, 1231, 1396, 1434—N. C. 57—
Ohio 1078—Pa. 151—Tex. 87—Va. 15—
Canada 163, 641

ACRA-MENT INSTRUMENT DIV.

Green Manufacturing Co., Inc.
45 Willard Ave.
Providence 5, R. I.
Cal. 403—Fla. 121—Ill. 584—Mass. 455—
Mich. 401—Mo. 470—N. Y. 162, 724—
Ohio 581, 1278—Pa. 358—Va. 66—
Canada 410

ACRO WELDER MANUFACTURING CO.

1719 W. St. Paul Ave.
Milwaukee 3, Wis.
Ala. 122—Cal. 575, 1394—Colo. 209—
Conn. 328—Ga. 249—Ill. 151, 469, 631,
842, 852, 1084, 1136, 1210, 1222—Ind. 107,
450, 563—Iowa 117, 125—Kan. 53—
Md. 58—Mass. 225, 519, 694—Mich. 800,
936, 1095, 1203, 1330—Minn. 14, 147—
Mo. 127, 392—Neb. 32—N. J. 338—N. Y. 4,
98, 301, 440, 669, 1332, 1522—N. C. 264—
Ohio 916, 1340, 355, 688, 1137, 1650—
Pa. 170, 247, 261, 505—R. I. 41—
Tenn. 38, 119—Tex. 208—Wash. 87—
Wis. 22

ACROMARK CO., THE

607 Morrell St.
Elizabeth 4, N. J.
Cal. 254, 1285—Fla. 269—Ill. 827—
N. Y. 1394—Ohio 1410—Pa. 733—
Tex. 224—Canada 323

ACTION DIAMOND TOOL CO.

4545 W. Grand Ave.
Chicago 39, Ill.
Cal. 107, 878—Fla. 7—Ind. 251—
Mass. 686—Mich. 643, 1320—Minn. 242—
Mo. 505—N. Y. 1147, 1343—Ohio 113,
635, 1504, 1707—Pa. 237—Tenn. 203—
Wis. 314—Canada 204, 541

ACTIVE SCREW & MANUFACTURING CO.

4250 N. Cawford Ave.
Chicago 41, Ill.
(Contact manufacturer direct)

ADAMAS CARBIDE CORP.

Market St.
Kenilworth, N. J.
(See advertisement p. 555)
Cal. 45, 265, 276, 1633, 1429—Colo. 92—
Conn. 146, 271, 392, 404—Fla. 320—
Ill. 54, 557, 915, 1155—Ind. 376—Iowa 16,
30, 122, 172—Kan. 125—Md. 230—
Mass. 484, 675—Mich. 132, 935—
Minn. 108—Mo. 469—N. Y. 249, 452, 628,
1239, 1435, 1466, 1688—Ohio 267, 475, 587,
665, 1127—Ore. 171—Pa. 178, 358—
R. I. 7—S. C. 61—Tenn. 67—Tex. 591,
731—Vt. 10—Wis. 164, 483—Canada 155,
529

ADAMS EQUIPMENT

18441 Hart St.
Reseda, Cal.
Cal. 46, 807—Conn. 310—Mich. 1292—
N. Y. 285—Pa. 1001, 1200

ADEL PRECISION PRODUCTS

A Div. of General Metals Corp.
1444 Washington Ave.
Huntington 4, W. Va.
Ariz. 5—Cal. 1158, 1467—Colo. 217—
Conn. 277—Ill. 38—Ind. 50, 94, 342, 557—
Mass. 138, 670—Mich. 444, 1314—
Minn. 208—Mo. 359—N. J. 164—
N. Y. 140—Ohio 1503—Ore. 52—Pa. 414,
873—R. I. 22—Wash. 64—Wis. 312

ADJUSTABLE CLAMP CO.

417 N. Ashland Ave.
Chicago 22, Ill.
Cal. 390, 1149—Ill. 538—Mass. 391—
Mo. 215—N. Y. 908—Tenn. 280—
Tex. 237—Wash. 226—Canada 374

ADVANCE CAR MOVER CO., INC.

112 N. Outagamie St.
Appleton, Wis.
Cal. 393—Ill. 502—Iowa 90—La. 198—
Mass. 71—Mich. 714—Minn. 125—
Mo. 409—N. Y. 784—Ohio 1580—
Okla. 32—Pa. 1061—Tex. 112—Va. 50—
Wis. 374

ADVANCE PRODUCTS CORP.

North Shore Dr.
Benton Harbor, Mich.
(Contact manufacturer direct)

AER-O-MATIC TOOL DIV.

Engman-Taylor Co., Inc.
2836 W. Stark St.
Milwaukee 9, Wis.
(Contact manufacturer direct)

AERO SERVICE CORP.

210 E. Courtland St.
Philadelphia 20, Pa.
Cal. 1103

AEROPROJECTS, INC.

310 E. Rosedale
West Chester, Pa.
(Contact manufacturer direct)

AEROQUIP CORP.

300 S. East Ave.
Jackson, Mich.
Cal. 69—Ill. 1030—Minn. 270—N. J. 458—
N. C. 163—Ore. 31—Tex. 82—Canada 300

AETNA BALL & ROLLER BEARING CO.

Div. of Parkersburg-Aetna Corp.
4600 W. Schubert Ave.
Chicago 39, Ill.
Ala. 111—Cal. 739, 1096, 1321—
Colo. 214—Conn. 68, 219, 307, 402, 433—
Fla. 100, 189—Ga. 173—Ill. 828—Me. 2,
13—Md. 116—Mass. 214, 685—Mich. 467—
N. J. 254, 403, 423, 571—N. Y. 37, 75, 354,
448, 538, 605, 1117, 1184, 1246, 1412, 1609,
1664—N. C. 97—Ohio 66, 368—Ore. 177—
Pa. 642—R. I. 77—Tex. 652—Va. 98—
Wash. 283

AETNA MANUFACTURING CO.

188 S. York St.
Bensenville, Ill.
Ark. 25—Cal. 673, 1399—Conn. 54, 271—
D. C. 30—Fla. 248—Ill. 205, 407, 428, 841,
1038, 1122—Ind. 48, 545—Iowa 72—
Md. 104—Mass. 240, 350, 620, 692—
Mich. 546, 885, 1029, 1109, 1310, 1343—
Minn. 257—Mo. 152, 364—N. H. 24—
N. J. 228—N. Y. 125, 442, 688, 1417, 1611,
1643—N. C. 241—Ohio 28, 234, 1598—
Pa. 14, 158, 556, 1280, 1287, 1296, 1339—
R. I. 70—Va. 66—W. Va. 12—Wis. 98—
Canada 179

AGET MANUFACTURING CO.

1311 E. Church St.
Adrian, Mich.
Ala. 35—Ark. 34—Cal. 62, 691—
Colo. 62—Conn. 375—Ill. 297—Ind. 163—
Kan. 19—Md. 189—Mich. 1211—Minn. 243,
267—Mo. 562—N. Y. 805, 1315—Ohio 393,
1121, 1574—Ore. 174—Pa. 500, 828—
Tex. 665—Wash. 274, 363—Canada 392,
583

AGNEW MACHINE CO.

125 S. Main
Milford, Mich.
Ill. 246—Mich. 1039—Ohio 662, 1610

AIRBORNE ACCESSORIES CORP.

1414 Chestnut Ave.
Hillsdale 5, N. J.
Cal. 526, 1059—Ga. 8—Mo. 52—Tex. 281—
Wash. 7—Canada 480

AIRBORNE INSTRUMENTS LABORATORY

A Div. of Cutler-Hammer, Inc.
1345 New York Ave.
Huntington Station, N. Y.
(See advertisement p. 46)

Ala. 8—Cal. 161, 312, 1008, 1104—
Colo. 8—Conn. 276—Fla. 65, 296—Ill. 56,
1139—Ind. 144, 520—Iowa 37—Ky. 21—
La. 66, 200—Md. 5, 209—Mass. 38—
Mich. 150, 906, 1301—Minn. 35—Mo. 36,
278—N. J. 308, 533—N. Y. 1, 160, 692,
1494—N. C. 16—Ohio 135, 477, 1048, 1162,
1727—Okla. 52—Ore. 20, 32—Pa. 770, 1204,
1260, 1326—Tex. 83, 486, 807—Utah 8—
Va. 58—Wash. 33, 325—W. Va. 8—Wis. 1,
95

AIRETOOL MANUFACTURING CO., THE

302 S. Center St.
Springfield, Ohio
Cal. 577, 628, 1267—Ill. 61—La. 7—
Mich. 330—Minn. 57—Mo. 483—
N. Y. 605—Okla. 53—Pa. 789, 1167—
Tex. 490—Wash. 207—Wis. 438—
Canada 154

AIR-HYDRAULICS, INC.

545 Hupp Ave.
Jackson, Mich.
Cal. 254—Conn. 190, 353—Ill. 588—
Ind. 267—Mass. 233—Mich. 425, 519, 976,
1317—Minn. 36, 312—N. J. 117—N. Y. 306,
442, 445, 615—Ohio 1494—Pa. 406—414,
1149—Wis. 35—Canada 166

AIR-LOC DIV.

See Clark-Cutler-McDermott Co.

AIRMATIC VALVE, INC.

7313 Associate Ave.
Cleveland 9, Ohio
Cal. 23, 920, 1073, 1507—Colo. 130—
Conn. 95—Ill. 28—Ind. 387, 418, 475,
499—Ky. 111—Md. 91—Mass. 365—
Mich. 224—Minn. 211—Mo. 175, 449—
N. J. 565—N. Y. 140, 365, 615, 1537—
N. C. 84—Ohio 401, 1029, 1150, 1314,
1596—Okla. 156—Ore. 14, 137, 197—
Pa. 138, 590, 1059—S. C. 8—Tenn. 46—
Tex. 23, 313, 705, 818—Utah 86—
Wash. 271—Wis. 319—Canada 423, 528, 610

AIR-MITE DEVICES, INC.

4401 W. Kinzie St.
Chicago 24, Ill.
Ala. 162—Ariz. 33—Ark. 25—Cal. 76—
Conn. 49, 277, 310, 434—Fla. 90, 177—
Ga. 101—Ill. 57, 982—Ind. 387, 504—
Kan. 64—Ky. 111—La. 1—Md. 44—
Mass. 138, 670—Mich. 1048—Minn. 36,
103—Mo. 43, 590—Neb. 32—N. J. 242,
356, 512—N. Y. 99, 140, 684, 1318, 1359—
N. C. 99—Ohio 44, 1001, 1414—Pa. 413,
602, 1049—R. I. 22—S. C. 8—Tex. 371—
Wash. 140—Wis. 159, 345—Canada 165, 528

AIR PRODUCTS, INC.

P. O. Box 538
Allentown, Pa.
(Contact manufacturer direct)

AIR REDUCTION SALES CO.

150 E. 42nd St.
New York 17, N. Y.
Ala. 10—Cal. 147, 315, 1105—Colo. 10—
Conn., 157—D. C. 1—Ga. 10—Ill. 60—
Iowa 1—Kan. 57—Ky. 22—La. 67, 201—
Md. 4—Mass. 39—Mich. 151—Minn. 38—
Mo. 38, 380—N. J. 213, 582—N. Y. 161—
N. C. 17—Ohio 478, 1163—Okla. 9, 54—
Ore. 34—Pa. 415, 771—Tex. 25, 375, 491—
Wash. 36—Wis. 97

AJAX ELECTRIC CO.

Frankford and Delaware Ave.
Philadelphia 23, Pa.
Cal. 635, 1475—Colo. 64—Conn. 149—
Ga. 13—Ill. 884—Md. 154—Mich. 242—
N. Y. 1119, 1641—Ohio 286, 496—Pa. 238,
915—Tenn. 253—Tex. 315, 709—Wash. 148

MANUFACTURERS

AJAX ELECTROTHERMIC CORP.

Ajax Park
Trenton 5, N. J.
Cal. 635, 943—Colo. 106—Ga. 13—
Mich. 77—Tenn. 253—Wash. 163

AJAX ENGINEERING CORP.

P. O. Box 1418
Trenton 7, N. J.
Cal. 635—Conn. 149—Ill. 904—
Mich. 1240—N. Y. 545

AJAX FLEX COUPLING CO.

Westfield, N. Y.
(Contact manufacturer direct)

ALAMEDA GAGE CO.

10851 Capital Ave.
Oak Park 37, Mich.
Ariz. 94—Cal. 46, 106, 286—Colo. 102—
Ill. 155, 852, 1174—Ind. 60, 478, 487—
Iowa 30—Kan. 125—Ky. 81—Mass. 11,
449—Mich. 1260, 1324—Minn. 61—
Miss. 23—Mo. 225, 419—N. J. 835—
N. Y. 175, 442—N. C. 26—Ohio 47, 971,
1141, 1630—Pa. 447, 960—Tenn. 106,
177—Tex. 169—Utah 52—Wis. 289, 450—
Canada 447

ALBERTSON & CO., INC.

3100 Lowell Ave.
Sioux City 2, Iowa
Cal. 121, 356, 880, 1402—Colo. 120—
Conn. 348, 378—Ga. 41—Ill. 1022, 1254—
Ind. 363—Kan. 31—Ky. 19—Mass. 398—
Mich. 1250, 1344—Minn. 134—Neb. 27,
69—N. Y. 11, 413—N. C. 173—Ohio 1512—
Okla. 23—Pa. 117, 335—S. D. 10—
Tenn. 125—Tex. 242, 558—Wash. 208,
364—Wis. 255

ALCO TOOL CO., THE

52 Birdseye St.
Bridgeport 4, Conn.
Cal. 230, 829—Conn. 121—Ill. 278—
Ind. 197—Kan. 93—Minn. 109—
N. Y. 1704—Ohio 1289—Pa. 1149, 1240—
R. I. 84—Tex. 150—Wis. 371—Canada 637

ALDRIDGE INDUSTRIAL OILS, INC.

3401 W. 140th St.
Cleveland 11, Ohio
Conn. 358—Ind. 360—Mich. 1241—
N. Y. 317—R. I. 6

ALEMITE DIV.

Stewart-Warner Corp.
1826 Diversey Pkwy
Chicago 14, Ill.
Ala. 11—Ariz. 6—Cal. 317, 1006—
Colo. 11—Conn. 158—Fla. 66—Ga. 11—
Ind. 145—Iowa 83—Ky. 23—La. 69—
Md. 7—Mass. 40—Mich. 51—Minn. 39—
Mo. 40, 281—Mont. 1—Neb. 13—N. Y. 163,
575—N. C. 18—N. D. 3—Ohio 136, 481—
Okla. 55—Ore. 35—Pa. 419, 774—
Tenn. 111, 224—Tex. 85, 376, 492, 835—
Utah 9, Wash. 40—Wis. 98

ALINA CORP.

122 E. Second St.
Mineola, L. I., N. Y.
(Contact manufacturer direct)

ALKON PRODUCTS CORP.

200 Central Ave.
Hawthorne, N. J.
Ala. 35—Ariz. 92—Cal. 880—Conn. 277—
Fla. 172—Ga. 188—Ill. 55—Ind. 506—
Md. 44—Mass. 441—Mich. 527—
Minn. 36—Mo. 49, 391—N. J. 164—
N. Y. 844—N. C. 26—Ohio 1314, 1494—
Ore. 104—Pa. 590, 602—Tenn. 182—
Tex. 708—Wash. 94—Wis. 343—
Canada 410, 629

ALL AMERICAN TOOL & MANUFACTURING CO.

8027 Lawndale Ave.
Skokie, Ill.
Cal. 1508—Ill. 357, 856, 936—Canada 260

ALLEGHENY LUDLUM STEEL CORP.

Oliver Bldg.
Pittsburgh 22, Pa.
(See advertisement p. 28)

Ala. 12, 107—Cal. 319, 434, 1099, 1108,
1177, 1198, 1259, 1405—Colo. 207—
Conn. 102, 182, 342, 359—D. C. 2—
Fla. 336—Ill. 66, 69, 705, 915, 1168—
Ind. 12, 98, 146, 190, 369, 556—Md. 33,
59—Mass. 227, 245, 503, 666, 678—
Mich. 18, 153, 395, 865, 869, 913, 951,
1343—Minn. 138—Mo. 41, 225, 282—
N. Y. 16, 165, 189, 684, 700, 772, 1133, 1276,
1495, 1506—N. C. 55—Ohio 17, 137, 139,
482, 854, 1100, 1117, 1164, 1286, 1435,
1564—Okla. 138—Ore. 36, 193—Pa. 69,
420, 526, 1124, 1127, 1170, 1210, 1336—
R. I. 44—Tenn. 135, 267, 269—Tex. 86,
279, 671—Wash. 41, 143—Wis. 100, 120,
153—Canada 92

ALLEN INDUSTRIES, ALVA

35 and 13 Jct.
Clinton, Mo.
Ala. 144—Cal. 1345—Colo. 59—Fla. 124,
159, 172, 182—Ga. 43—Ill. 112, 175, 613,
767—Iowa 11—Kan. 24, 127—Ky. 9, 71—
La. 224—Mich. 1284—Minn. 117, 153,
183—Miss. 14—Mo. 26, 117, 151, 330, 433,
460, 463—Neb. 46—N. J. 105—N. C. 26,
155—Okla. 58—S. C. 14—Tenn. 92, 148,
163, 270—Tex. 214, 246, 255, 653, 685,
862—Utah 7—Va. 52, 89—Wis. 24, 69,
370—Canada 225

ALLENNAIR CORP.

255 E. Second St.
Mineola, N. Y.
Ala. 28—Cal. 741, 1322—Colo. 97—
Conn. 44, 205—Fla. 90, 168, 175—Ga. 37,
101—Ill. 888, 1143—Ind. 186, 279, 504—
Iowa 71—Mass. 299, 619—Mich. 444,
965—Minn. 118—Mo. 241, 526—N. J. 90,
263—N. M. 37—N. Y. 140, 996, 1221, 1318,
1448—N. C. 76, 152—Ohio 44, 285, 1248,
1721—Okla. 30, 131—Pa. 408, 1049—
Tenn. 122—Tex. 330, 571—Wash. 285—
W. Va. 54—Wis. 159—Canada 418, 423,
504, 559

ALLEN-BRADLEY CO.

136 W. Greenfield Ave.
Milwaukee 4, Wis.
Ark. 31—Cal. 320, 1093, 1159—Colo. 223—
Conn. 28—Fla. 114, 183, 330—Ga. 254—
Ill. 67, 1140—Ind. 59, 147—Iowa 2, 91—
Ky. 108—La. 169, 229—Md. 168—Mass. 41,
504—Mich. 154, 847, 940, 1116—
Minn. 300—Mo. 176, 283—Neb. 47—
N. J. 96—N. M. 2—N. Y. 5, 166, 698, 1287,
1496—N. C. 129—Ohio 100, 138, 483, 1165,
1566—Okla. 88—Ore. 180—Pa. 209, 775,
1238, 1327—Tenn. 69, 207—Tex. 81, 362,
493, 867—Utah 97—Va. 132—Wash. 300—
W. Va. 27—Wis. 101

ALLEN MANUFACTURING CO.

Drawer #570
Hartford 1, Conn.
Cal. 321, 1109—Ill. 68—Ind. 148—
Mich. 155—N. Y. 699—Ohio 485

ALLIED PRODUCTS CORP.

See Richard Brothers Punch Div.

ALLIED WITAN CO., INC.

12500 Bellaire Rd.
Cleveland 35, Ohio
(Contact manufacturer direct)

ALLIS-CHALMERS MANUFACTURING CO.

Milwaukee 1, Wis.
Ala. 14—Ariz. 7—Cal. 323, 1049, 1110—
Colo. 14—Conn. 159, 278—D. C. 3—
Fla. 67, 148, 297—Ga. 16—Ill. 72, 1087,
1141—Ind. 31, 149—Iowa 40, 84—
Kan. 60—Ky. 25—La. 70, 202—Me. 3—
Md. 9—Mass. 42—Mich. 158, 907, 1077—
Minn. 3, 40—Mo. 45, 285—Mont. 12—
Neb. 13—N. J. 309—N. M. 6—N. Y. 168,
702, 1260, 1497—N. C. 20—Ohio 5, 141,
488, 1049, 1166, 1567, 1728—Okla. 10,
57—Ore. 36—Pa. 8, 421, 776, 1328—
R. I. 26—Tenn. 4, 65, 112—Tex. 1, 8, 36,

64, 88, 377, 415, 494, 836—Utah 12—
Va. 61—Wash. 43, 327—W. Va. 9—
Wis. 2, 103—Canada 1, 45, 105, 133,
272, 304, 530

ALLIS CO., THE LOUIS

427 E. Stewart St.
Milwaukee 1, Wis.
Ala. 13—Ariz. 29—Cal. 86, 324—
Colo. 112—Conn. 442—D. C. 38—
Fla. 236—Ga. 17—Ill. 73, 1142—Ind. 150,
321—Iowa 39—Kan. 61—Ky. 39—La. 71,
206—Md. 127—Mass. 392—Mich. 159, 908,
1116, 1186—Minn. 116—Mo. 44, 284—
Neb. 4, 14—N. J. 97—N. M. 7—N. Y. 169,
402, 703, 1261—N. C. 21—Ohio 142, 489,
1568—Okla. 88—Ore. 30—Pa. 777, 1171,
1329—Tenn. 66—Tex. 12, 119, 378, 496—
Utah 38—Va. 60—Wash. 44—W. Va. 45—
Wis. 3

ALLISON-CAMPBELL DIV.

American Chain & Cable Co., Inc.
929 Connecticut Ave.
Bridgeport 2, Conn.
Cal. 325—Conn. 30—Ill. 1282, 605—
Mich. 52—N. Y. 1259—Ohio 1701—
Pa. 352, 386

ALLOY RODS CO.

Lincoln Hwy W. - P. O. Box 1828
York, Pa.
Cal. 139—Ill. 74—Mich. 505, 646—
N. J. 310—Pa. 779—Tex. 496

ALL-STATE WELDING ALLOYS CO., INC.

249 Ferris Ave.
White Plains, N. Y.
Ala. 15, 116A—Ark. 32—Cal. 194, 308,
458, 904, 1449—Colo. 209—Conn. 227—
Ga. 262—Idaho 10—Ill. 930—Ind. 414—
Ky. 136, 138—La. 122—Me. 20—Md. 175—
Mass. 266—Mich. 780, 1142—Minn. 173—
Mo. 46, 152, 286, 469—Neb. 16—
N. J. 208—N. Y. 704, 1691—N. C. 22,
100—Ohio 355, 695A, 1072, 1743—Ore. 71,
106, 198—Pa. 217, 401, 626—Tenn. 146—
Tex. 497, 498—Wash. 312—Canada 86,
104, 247, 305

ALMCO, QUEEN PRODUCTS

Div. King-Seely Corp.
901 E. Main St.
Albert Lea, Minn.
Ala. 116—Cal. 245, 254, 1265—Colo. 135—
Conn. 279, 484—Fla. 182—Ga. 181—
Ill. 965, 968, 1189—Iowa 52, 169—
Kan. 127—Mass. 232—Mich. 161—
Minn. 166—Mo. 214, 420—N. J. 311—
N. Y. 1064—N. C. 7—Ohio 182—
Okla. 109—Tenn. 34—Tex. 30, 676—
Utah 100—Va. 28, 50—Wash. 274—
Wis. 191—Canada 83, 218, 439, 612

ALORIS TOOL, INC.

419 Getty Ave.
Clifton, N. J.
(Contact manufacturer direct)

ALPHA-MOLYKOTE CORP., THE

65 Harvard Ave.
Stamford, Conn.
Cal. 203, 1208—Ga. 190—Ill. 269—
Iowa 74—Kan. 130—La. 52—Mich. 600—
N. J. 241—N. Y. 1319—Ohio 1717—
Ore. 186—Pa. 605—Tex. 667—Wash. 220—
Wis. 220—Canada 353

ALPHA PRESS & MACHINE, INC.

9281 Freeland Ave.
Detroit 28, Mich.
Cal. 359—Ill. 794—Mich. 160, 966—
N. Y. 180, 609—Ohio 476, 1388—Pa. 712

ALSO ENGINEERING CORP.

Route #10
Milldale, Conn.
Ala. 207—Cal. 283—Colo. 87—Ill. 457—
Mich. 360—Mo. 408—Neb. 58—N. Y. 289,
848, 1034—N. C. 7, 191—Ohio 311, 977—
Ore. 89—Pa. 382, 857—S. C. 24, 58—
Tenn. 105, 178—Tex. 407—Utah 58—
Va. 50, 120, 145—Wash. 265

ALUMINUM CO. OF AMERICA

1501 Alcoa Bldg.
Pittsburgh 19, Pa.
Ala. 16—Cal. 328, 1111—Colo. 16—
Conn. 31, 160—Del. 5—D. C. 6—Fla. 149,
296—Ga. 19—Ill. 78, 1088—Ind. 32, 61,
152, 322—Iowa 42—Kan. 62—Ky. 26—
La. 73—Md. 10—Mass. 43, 505, 640—
Mich. 162, 909, 1076, 1245—Minn. 42—
Mo. 47, 290—Neb. 15—N. J. 312—N. Y. 6,
170, 475, 706, 1262, 1498—N. C. 23—
Ohio 6, 143, 490, 1050, 1167, 1569, 1729—
Okla. 11—Ore. 41—Pa. 9, 422, 780,
1330—R. I. 27—S. D. 1—Tenn. 5, 114—
Tex. 89, 501—Va. 62—Wash. 46, 328—
Wis. 105

ALVEY-FERGUSON CO., THE

3131 Disney St.
Cincinnati 9, Ohio
Ala. 163—Ill. 79, 1103—Ind. 89—Ky. 93—
La. 147—Mass. 567—Mo. 478—N. Y. 200,
707, 1566—Ohio 773—Okla. 135—Pa. 423,
1045—S. C. 34—Tex. 156, 600, 850—
Wis. 137

ALVORD-POLK TOOL CO.

129 - 195 Gerhart St.
Millersburg, Pa.
Ill. 739—Ind. 254, 562—Mich. 475—
N. Y. 399, 724—Ohio 99, 268, 685, 1083,
1239, 1616

ALWIN FR. WILKENS, INC.

Antares Instruments Inc.
55-02 37th Ave.
Woodside 77, N. Y.
(Contact manufacturer direct)

AMCHEM PRODUCTS, INC.

Ambler, Pa.
(Contact manufacturer direct)

AMERICAN AIR COMPRESSION CORP.

48th and Tool Sts.
North Bergen, N. J.
(Contact manufacturer direct)

AMERICAN BRAKE SHOE CO.

See Denison Engineering Div.
Electro-Alloys Div.

AMERICAN BRASS CO., THE

414 Meadow St.
Waterbury 20, Conn.
(See advertisement p. 129)
(Contact manufacturer direct)

AMERICAN BRASS CO., THE

American Metal Hose Div.
608 S. Main St.
Waterbury 20, Conn.
Cal. 959, 1112—Colo. 17—Conn. 1, 407,
419—D. C. 7—Ga. 20—Ill. 80—Iowa 12—
Mass. 228—Mich. 164—Minn. 43—Mo. 48,
291—N. J. 98—N. Y. 171, 706, 1263, 1500—
N. C. 24—Ohio 144, 491, 1051—Pa. 425,
781—R. I. 28—Tex. 90, 502—Wash. 47—
Wis. 60, 106—Canada 249

AMERICAN CAM CO., INC.

95 Granby St.
Bloomfield, Conn.
Cal. 204—Ga. 148—Ill. 813—Ind. 130—
Md. 78—Mass. 403—Minn. 109—Mo. 295—
N. Y. 496, 511—Ohio 934—Pa. 553—
Wis. 344—Canada 153

AMERICAN-CAMPBELL DIV.

American Chain & Cable Co., Inc.
929 Connecticut Ave.
Bridgeport 2, Conn.
(Contact manufacturer direct)

AMERICAN CARBIDE CO.

4100 Palisade Ave.
Union, N. J.
Ala. 150—Cal. 38, 957—Fla. 279—
Ill. 1072—Ind. 90—Mass. 135—Mich. 68—

Minn. 196—Mo. 450—N. J. 278, 602—
N. Y. 362, 1417, 1699—Ohio 957—
Pa. 290—Tex. 441

AMERICAN CHAIN & CABLE CO., INC.

Wilson Mechanical Instrument Div.
230 Park Ave.
New York 17, N. Y.
Cal. 40, 1085, 1279—Conn. 210—Fla. 248—
Ga. 282—Ill. 310, 1029—Ind. 291—
La. 112, 217—Mich. 472—Mo. 420—
N. Y. 690, 1081—Ohio 962—Okla. 131—
Ore. 149—Tex. 315, 549—Wash. 231

AMERICAN CHAIN & CABLE CO., INC.

Wright Hoist Div.
735 Hay St.
York, Pa.
Cal. 803, 1357—Colo. 221—Ga. 260—
Ill. 822—Mich. 803—N. Y. 1176—Pa. 762,
1156—Tex. 757

AMERICAN CHAIN & CABLE CO., INC.

See Also Allison-Campbell Div.
Helicoid-Gage Div.

AMERICAN CORDSET CORP.

U. S. Hwy 46
Peterboro, N. J.
(Contact manufacturer direct)

AMERICAN CRUCIBLE PRODUCTS CO., THE

1305 Oberlin Ave.
Lorain, Ohio
(Contact manufacturer direct)

AMERICAN CUTTER & ENGINEERING CORP.

31430 Mound Rd.
Warren, Mich.
(Contact manufacturer direct)

AMERICAN CYSTOSCOPE MAKERS, INC.

8 Pelham Parkway
Pelham Manor, N. Y.
N. Y. 709

AMERICAN DIAMOND TOOL CORP.

31 W. 47th St.
New York 36, N. Y.
(Contact manufacturer direct)

AMERICAN DIAMOND TOOL & GAUGE CO.

7525 Fennell Ave.
Detroit 38, Mich.
(Contact manufacturer direct)

AMERICAN DRILL BUSHING CO.

5107 Pacific Blvd.
Los Angeles 58, Cal.
(See advertisement p. 17)
Ala. 4, 51, 123, 153, 208—Ariz. 23, 112—
Cal. 17, 79, 172, 271, 287, 424, 600, 606,
851, 938, 990, 1015, 1017, 1033, 1079,
1364, 1377, 1430—Colo. 59—Conn. 260,
477—D. C. 30—Fla. 17, 71, 172, 182, 187,
239, 240, 255, 280, 345—Ga. 134, 219, 233,
265, 337—Ill. 166—Ind. 38, 141, 539—
Iowa 5, 25, 29, 109—Kan. 2, 88—Ky. 14—
La. 98, 100, 101, 157, 173, 184, 220—
Md. 61—Mass. 431—Mich. 422, 1092,
1207—Minn. 167—Mo. 108, 295—Neb. 42—
N. J. 32, 136, 142, 300, 326, 350, 413, 420,
456, 517, 574—N. M. 25—N. Y. 73, 162,
443, 1086, 1368, 1590, 1662, 1697—
N. C. 270—Ohio 17, 279, 760, 839, 1243,
1637, 1752—Okla. 22, 122—Ore. 7, 71—
Pa. 61, 154, 176, 229, 373, 736, 1087—
S. C. 24, 61—Tenn. 70, 82, 203, 233—
Tex. 300, 314, 317, 319, 332, 338, 461, 477,
544, 603, 696, 821—Utah 74—Va. 48, 52,
136—Wash. 54, 269—W. Va. 28—Wis. 28,
316, 476—Canada 470, 578

AMERICAN EMERY WHEEL WORKS

Richard Sq.
Providence 1, R. I.
Cal. 574—Conn. 267, 382—Fla. 140—
Ky. 46—Mass. 23, 303, 460—
Mich. 166—Minn. 317—N. J. 154,

474—N. Y. 113, 502, 580, 645, 864—
N. C. 87, 152—Ohio 145, 932, 1236—
Pa. 645, 1056—S. C. 54—Tenn. 55,
183—Tex. 193, 255, 675, 771—
Wash. 50—Wis. 107

AMERICAN FELT CO.

Glenville, Conn.
Cal. 370, 1142—Ill. 81—Mass. 44—
Mich. 167—Mo. 413—N. Y. 710,
1264—Ohio 57, 492—Ore. 53—
Pa. 426—S. C. 28—Tex. 91—
Wash. 68

AMERICAN GAGE & MACHINE CO.

See Walsh Press and Die Co.
Simpson Electric Co.

AMERICAN GAS FURNACE CO.

148 Spring St.
Elizabeth 4, N. J.
Cal. 809, 900—Conn. 210—Ill. 1133,
1187—N. J. 41, 603, 612—N. Y. 1200,
1396—Ohio 585, 1135

AMERICAN GEAR & MANUFACTURING CO.

1309 S. Cicero Ave.,
Cicero 50, Ill.
(Contact manufacturer direct)

AMERICAN HELLER CORP.

20780 Mack Ave.,
Detroit 36, Mich.
Cal. 1405—Colo. 63—Pa. 119

AMERICAN INSTRUMENT CO., INC.

8030 Georgia Ave.,
Silver Spring, Md.
Cal. 329, 1113—Colo. 190—Ga. 22—
Ill. 84—Mass. 25—Mich. 1270—
N. J. 303—N. Y. 712, 1265—
Ohio 493—Pa. 431, 784—Tex. 317, 709

AMERICAN LAUBSCHER CORP.

250 W. 57th St.,
New York 19, N. Y.
(Contact manufacturer direct)

AMERICAN LIP CORP.

610 Fifth Ave.,
New York 20, N. Y.
Cal. 515—Conn. 432—N. Y. 850

AMERICAN MACHINE & FOUNDRY CO.

See AMF Tool Div.
DeWalt, Inc.
The Leland Electric Co. Div.
Potter & Brumfield, Inc.

AMERICAN MACHINE PRODUCTS INC.

172 Centre St.,
New York 13, N. Y.
Cal. 125—Conn. 285—Fla. 196—
Ga. 50, 261—Ill. 33—Kan. 110, 129—
Ky. 65—Me. 26—Md. 112, 177, 208—
Mass. 238—Mo. 597—N. H. 13—
N. J. 11, 460, 461, 467—N. Y. 39,
136, 569, 684, 754, 771, 927, 974,
986—N. C. 8—Pa. 23, 116, 1122—
Tex. 884—Wash. 130—W. Va. 40—
Canada 39

AMERICAN METAL HOSE DIV.

See The American Brass Co.

AMERICAN METAL WORKS, INC.

See Bay Products Div.

AMERICAN OPTICAL CO.

Safety Products Div.
94 Mechanic St.,
Southbridge, Mass.
Ala. 17—Cal. 235, 1114—Colo. 18—
Ga. 21—Ill. 910—Mass. 45—
Mo. 293—Ohio 146—Pa. 427, 782—
Tex. 92, 503—Va. 63—Wash. 48

MANUFACTURERS

AMERICAN AND OVERSEAS TRADING CO.
667 W. 161st St.,
New York 32, N. Y.

AMERICAN PIPE BENDING MACHINE CO., INC.
Poultney, Vt.
Cal. 523, 1151, 1401—Ill. 502, 653—
La. 100—Md. 33—Mass. 298—
N. Y. 813—Tex. 685—Va. 28
Wash. 274—Canada 439, 633, 640

AMERICAN PULLEY CO. THE
4200 Wissahickon Ave.,
Philadelphia 29, Pa.
Cal. 603, 867—Ga. 284—Ill. 944,
945, 1073—Mass. 659—Mich. 79—
Minn. 162—Mo. 12—N. Y. 716—
N. C. 142—Pa. 428—Tex. 114—
Wash. 215

AMERICAN PULLMAX CO., INC.
2455 N. Sheffield Ave.,
Chicago 14, Ill.
Ala. 18, 19—Cal. 1520—Ill. 85, 829—
N. J. 99—Ohio 61

AMERICAN ROLLER DIE CORP.
29501 Clayton Ave.,
Wickliffe, Ohio
Cal. 747—Ga. 58—Ill. 544, 1005—
Ind. 352—Mass. 230—Mich. 533—
Minn. 177—Ohio 1636—Pa. 221,
948—Wis. 313

AMERICAN SAW & MANUFACTURING CO.
67 Boylston St.,
Springfield 1, Mass.
(Contact manufacturer direct)

AMERICAN SCHIESS CORP.
1232 Penn Ave.,
Pittsburgh 22, Pa.
Ala. 137, 205—Ariz. 95—Cal. 704,
1469—Colo. 63—Ill. 308—Md. 304—
Mass. 361—Mo. 584—N. J. 94—
N. Y. 222, 1623—Ohio 327, 648—
Pa. 51, 995—Tex. 214

AMERICAN SCREW CO.
W. Main St.,
Willimantic, Conn.
Cal. 530, 1352—Colo. 184—
Conn. 243—Ga. 79—Ill. 86, 1241—
Ind. 511—Mass. 469—Mich. 165,
929—Minn. 241—N. J. 288—
N. Y. 560—Ohio 1307, 1484—
Pa. 1262—Tex. 204—Wash. 105

AMERICAN SEALANTS CO.
259 Woodbine St.,
Hartford 6, Conn.
Ariz. 63—Cal. 158, 170, 289, 607,
666, 692, 815, 871, 938, 1051, 1132,
1271—Colo. 151, 191—Conn. 54, 93,
211, 307, 402, 433—Del. 7—
D. C. 88—Fla. 70, 80, 188—Ga. 77,
87, 192—Idaho 18—Ill. 137, 223,
421, 848, 949, 959, 1034, 1096, 1108,
1146, 1238—Ind. 34, 64, 119, 132,
143, 161, 236, 262, 318, 486, 523,
570, 585—Iowa 23, 61, 106—
Kan. 67—Ky. 49, 133—La. 10, 99—
Me. 2, 13—Md. 22—Mass. 126, 193,
347, 622, 685—Mich. 542, 617, 981,
1187, 1321—Minn. 288—Mo. 309,
360—N. J. 42, 190, 254, 347, 403,
423—N. M. 49—N. Y. 37, 178, 605,
957, 971, 1053, 1117, 1130, 1246,
1321, 1387, 1415, 1634, 1648—
N. C. 51, 76, 110, 164—Ohio 7, 89,
162, 510, 624, 716, 860, 1053—
Pa. 433—Tex. 435—Utah 92—
Wash. 218—Canada 595

AMERICAN SIP CO.
100 E. 42nd St.,
New York 17, N. Y.
Ala. 101—Cal. 58, 523, 1071, 1380—
Colo. 155—Conn. 487—D. C. 30—

Fla. 45—Ill. 486—Ind. 213—
Mass. 171—Mich. 843—Minn. 275—
Mo. 226, 548—N. Y. 334, 1062,
1598—Ohio 346, 819—Okla. 161—
Pa. 761, 1081—Tenn. 34—Tex. 277,
607—Wash. 274—Canada 29, 83, 123
176, 439, 505, 612

AMERICAN SMELTING AND REFINING CO.
1160 State St.,
Barber, N. J.
Ala. 50—Ark. 15—Cal. 578, 1232—
Conn. 141, 355, 392—Fla. 337—
Ga. 234—Ill. 165, 636, 1120, 1199—
Ind. 20, 52, 261, 564, 604—La. 182,
228—Md. 29—Mass. 130—Mich. 285,
928, 1059, 1108, 1210—Minn. 87—
Mo. 53, 138, 422—Neb. 3, 46—
N. J. 342, 475—N. Y. 109, 278, 1364
1569, 1647—Ohio 4, 385, 508, 586,
1184, 1668—Pa. 158, 341, 471, 693,
1055, 1057—R. I. 38—Tenn. 182,
235—Tex. 49, 716, 825—Wis. 61, 117

AMERICAN SMELTING AND REFINING CO.
Federated Metals Div.
120 Broadway,
New York 5, N. Y.
Ala. 29—Md. 12—Mass. 46—Minn. 1—
N. Y. 718, 1266—Ohio 147, 494—
Pa. 429—Wis. 108

AMERICAN STANDARD CO.
West St.,
Plantville, Conn.
(Contact manufacturer direct)

AMERICAN STEEL FOUNDRIES
See Elmes Engineering Div.
King Machine Tool Div.

AMERICAN STEEL & WIRE DIV.
United States Steel Corp.
Rockefeller Bldg.,
Cleveland 13, Ohio
Colo. 19—Ill. 88—Mass. 47—
Mich. 168—Minn. 274—Mo. 294—
N. Y. 172, 720—Ohio 148, 495—
Pa. 430, 783—Tex. 93—Wis. 109

AMERICAN TOOL WORKS CO., THE
Pearl St. and Eggleston Ave.,
Cincinnati 2, Ohio
Ala. 169—Cal. 599, 1469—Colo. 142—
Conn. 308—Fla. 355—Ga. 82—
Ill. 294—Ind. 352—La. 100—
Md. 204—Mass. 142—Mich. 1378—
Minn. 312—Mo. 64, 319—Mont. 18—
N. Y. 355, 1139, 1413, 1611—
N. C. 123, 186, 198—Ohio 149, 403,
978, 1122, 1315, 1649—Okla. 67—
Ore. 153—Pa. 198, 747, 1021—
S. C. 33—Tenn. 71, 234—Tex. 77,
214, 401, 604, 858—Utah 57—
Va. 112—Wash. 235—Wis. 194—
Canada 29, 83, 439, 505, 612

AMERICAN WALDRICH MANUFACTURING CORP.
1232 Penn Ave.,
Pittsburgh 22, Pa.
Ala. 137, 205—Ariz. 95—Cal. 704,
1469—Colo. 63—Ill. 308—Md. 204—
Mass. 361—Mo. 584—N. J. 94—
N. Y. 222, 1623—Ohio 327, 648—
Pa. 51, 995—Tex. 214

AMES CO., B. C.
131 Lexington St.,
Waltham 54, Mass.
(See advertisement p. 36)
Ala. 153—Cal. 326, 1223—Colo. 83—
Conn. 137—D. C. 91—Ill. 184, 688—
Ind. 497—Mass. 259—Mich. 169,
970—Minn. 215—Mo. 49, 789—
N. Y. 544, 609—N. C. 89—Ohio 229,
581, 1654—Okla. 30, 131—Pa. 447,

1155—Tex. 168, 564—Wash. 280—
Wis. 220—Canada 410

AMES PRECISION MACHINE WORKS
P. O. Box 311,
Waltham 54, Mass.
(Contact manufacturer direct)

AMITOO CO., INC.
629 Main St.,
Westbury, L. I., N. Y.
N. J. 47—N. Y. 468—Wis. 459

AMPCO METAL, INC.
1777 S. 38th St.,
Milwaukee 46, Wis.
Ala. 50—Cal. 71—Colo. 233—
Conn. 141, 162—Ga. 234—Ill. 90, 323,
389, 636, 1199—Ind. 154, 349—
Ky. 123—Md. 29, 72—Mass. 130,
293—Mich. 170, 247, 252, 285,
1059—Minn. 87—N. J. 55, 133—
N. Y. 278, 1268, 1364—Ohio 150,
385, 496, 508, 586, 661, 1294—
Okla. 82—Pa. 432, 673, 785, 825,
1040—Tenn. 269—Tex. 474—
Wash. 39—Wis. 110—Canada 281,
413, 540

AMPLEX DIV.
Chrysler Corp.
P. O. Box 2718,
Detroit 31, Mich.
Ala. 54—Cal. 1232—Fla. 262—
Ill. 490, 771, 1001—Ind. 161, 213—
Mass. 297—Mich. 784—Minn. 292—
Mo. 454—N. Y. 900—N. C. 135—
Ohio 169, 706—Pa. 452—Tex. 506—
Canada 292

ANCHOR STEEL & CONVEYOR CO.
6906 Kingsley Ave.,
Dearborn, Mich.
Ga. 130—Ill. 496—Mich. 190—
Ohio 874—Pa. 381, 884—Wis. 146

ANDERSON BROS. MANUFACTURING CO.
1907 Kishwaukee St.,
Rockford, Ill.
(Contact manufacturer direct)

ANDERSON CORP.
1039 Southbridge St.,
Worcester 10, Mass.
Ala. 64, 112—Cal. 309, 650, 761—
Colo. 108—Conn. 146, 227—
D. C. 30—Fla. 75, 345—Ga. 77,
78—Ill. 587, 615—Ind. 564—La. 133,
183—Me. 23—Mass. 69, 426, 499,
538, 666, 674—Mich. 400, 535,
1104—Minn. 214—Mo. 66, 173,
305—N. Y. 130, 385, 596, 684, 1132,
1669—N. C. 91—Ohio 400, 1580—
Okla. 1, 41, 122—Ore. 97—Tenn. 9,
32, 62, 195, 232—Tex. 46, 169, 190,
208, 402, 418, 596, 597, 779, 812,
864, 865, 882, 884—Utah 4—Va. 28,
36, 50, 52—Wash. 123, 149—
Wis. 408

ANDERSON OIL AND CHEMICAL CO., INC.
Post Office Box 111,
Portland, Conn.
Ala. 209—Cal. 309, 672, 878—
Colo. 207—Fla. 248—Ga. 78—Ill. 90,
982, 1181—Ind. 464, 545—
Kan. 130—Ky. 81—La. 192—
Md. 31—Mich. 174—Minn. 183—
Mo. 567—N. Y. 369, 1476, 1606—
N. C. 137—Ohio 341, 727, 1200—
Okla. 131—Ore. 122—Pa. 113, 1133—
Tex. 115, 520—Utah 41—Va. 52,
149—Wash. 235—Wis. 306

ANNIS CO., R. B.
1101 N. Delaware St.,
Indianapolis 2, Ind.
Cal. 839—Ill. 535—Mass. 344—
Mich. 69, 368—N. H. 11—N. M. 25—
N. Y. 281, 442, 689—Ohio 997—
Ore. 114—Wis. 459

ANOCUT ENGINEERING CO.

631 W. Washington Blvd.,
Chicago 6, Ill.

(See advertisement p. 22-23)

Cal. 859—Conn. 6—Mich. 1339—
N. J. 479—Ohio 1486

ANTON MACHINE WORKS

1226 Flushing Ave.,
Brooklyn 37, N. Y.

Cal. 606—Mass. 108, 354—N. Y. 110,
464, 684, 689, 834—Pa. 447

APEX BROACH CO., INC.

6401 E. Seven Mile Rd.,
Detroit 34, Mich.

Cal. 301, 1198—Colo. 49—
Conn. 245—Fla. 9, 29—Ill. 716,
1214—Ind. 462—Mass. 340—
Mich. 713, 1028, 1044—N. J. 449—
N. Y. 380—Ohio 945—Okla. 132—
Pa. 1077, 1265, 1278—Tenn. 203—
Tex. 686—Wash. 248—Canada 475

APEX TOOL & CUTTER CO. INC. THE

239 Canal St.,
Shelton, Conn.

Cal. 817—Conn. 357—Ill. 1176,
1279—Mich. 176—N. Y. 474—
Ohio 371, 1544—Pa. 173, 1007,
1323—Va. 31

APPLIED TOOL & DIE CO.

3537 S. Greenwood Ave.,
Los Angeles 22, Cal.

(Contact manufacturer direct)

AQUA SPORTSMAN, INC.

2518 Leslie Ave.,
Norwood 12, Ohio

(Contact manufacturer direct)

ARCOS CORP.

1500 S. 50th St.
Philadelphia 43, Pa.

Ariz. 28—Cal. 169, 332, 1223—
Colo. 209—Ill. 97—Iowa 125—
Ky. 128—La. 23, 39, 58, 144—
Mass. 5—Mich. 780—Miss. 35—
Mo. 353—N. Y. 332—1429—
Ohio 459, 1021, 1143, 1694—
Okla. 41—Ore. 27, 106—Pa. 1150—
Tenn. 62, 119—Tex. 527—Utah 108—
Wash. 22, 157, 346, 390

ARCUTO OILLESS BEARING CO.

149 Berkley St.
Philadelphia 44, Pa.

Cal. 603, 1255—Conn. 86—Fla. 30—
Ga. 291—Ill. 808—N. J. 16—
Ohio 1397—Ore. 45—Pa. 436—
S. C. 57—Tex. 114—Wash. 179

ARIZONA TOOL & DIE CO.

31 E. Rillito St.
Tucson, Ariz.

Cal. 46, 717, 1432—Ill. 396—
Mass. 29—Minn. 113, 288—Wash. 173

ARMCO STEEL CORP.

703 Curtis St.
Middletown, Ohio

Cal. 47, 333—Ga. 23A—Ill. 90A—
Ind. 155A—Ky. 27—Md. 15A—
Mass. 50A—Mich. 178A, 910A—
Minn. 46A—Mo. 51A, 296A—
N. Y. 174A, 724A—Ohio 152A,
499A, 1051A, 1168A—Okla. 62—
Pa. 436A, 789A—Tex. 95A,
504A—Wis. 114

ARMITE LABORATORIES

6609 Broad St.
Los Angeles 1, Cal.

Ala. 199—Ariz. 39, 82—Ark. 24—
Cal. 183, 864, 936, 1050, 1100,
1226, 1237, 1272, 1348, 1392, 1494—
Colo. 23, 38, 75—Conn. 383, 452—
D. C. 92—Fla. 131, 317—Ga. 144,
337—Idaho 5, 21, 27—Ill. 203, 235,
239, 645, 908, 1003, 1095, 1128—
Ind. 136, 155, 160, 204—Iowa 139—
Ky. 82—La. 15, 19, 22, 100, 227—

Md. 105—Mass. 204, 374—Mich. 86—
Minn. 209—Mo. 196, 202, 335—
Mont. 2—Neb. 46—Nev. 3—N. M. 46—
N. Y. 282, 357, 519, 854—N. C. 191,
235—Ohio 26, 443, 446, 706, 798,
1654—Okla. 131, 145—Ore. 9, 47,
126—Pa. 155, 184, 452, 1101—
Tenn. 43, 61, 70, 91, 105, 130—
Tex. 67, 276, 397, 406, 566, 588,
812, 816—Utah 2, 52, 61—Va. 14,
48, 50, 120, 145—Wash. 55, 181, 269,
288, 329, 370—Wis. 282—
Wyom. 4—Canada 14, 25, 34, 36, 40,
52, 71, 94, 288, 542

ARMOR-TUF SALES CORP.

299 Madison Ave.
New York, N. Y.

(Contact manufacturer direct)

ARMOUR COATED ABRASIVES DIV.

Armour and Co.

16123 Armour St. NE
Alliance, Ohio

Ala. 174—Cal. 687, 942, 1400—
Colo. 1—Conn. 319—D. C. 68—
Fla. 32—Ga. 181—Ill. 100—Ind. 10—
Iowa 41, 122—Kan. 111—Ky. 52—
La. 133—Md. 103—Mass. 529—
Mich. 1047—Minn. 214—Mo. 255—
Neb. 16, 51—N. H. 19—N. J. 69,
253—N. Y. 125—N. C. 130, 197—
Ohio 1268, 1501—Okla. 138—Pa. 89,
172, 829—R. I. 78—S. D. 7—
Tenn. 34—Tex. 725—Utah 51—
Va. 6—Wash. 165—W. Va. 12—
Wis. 415

ARMOUR MACHINE CO., INC.

709 Oak St.
Copague, N. Y.

Cal. 717—Colo. 92—Conn. 98, 106—
Fla. 343—Iowa 18—Md. 31—
Mich. 722—Minn. 242—N. Y. 796,
1294—Ohio 581, 1408—Canada 410

ARMSTRONG-BLUM

MANUFACTURING CO.

5700 W. Bloomingdale Ave.
Chicago 39, Ill.

(Contact manufacturer direct)

ARMSTRONG BROS. TOOL CO.

5258 W. Armstrong Ave.
Chicago 46, Ill.

(Contact manufacturer direct)

ARMSTRONG CORK CO.

W. Liberty St.
Lancaster, Pa.

Cal. 335—Ill. 101—Mass. 417—
Mich. 180—Mo. 297—N. Y. 725—
Ohio 153, 500—Pa. 437—S. C. 29

ARMSTRONG PRODUCTS CO.

P. O. Box 1 - TE
Warsaw, Ind.

Cal. 542, 954

ARO EQUIPMENT CORP., THE

Enterprise and Trevitt Sts.
Bryan, Ohio

Ala. 24—Cal. 336, 1411—Conn. 163—
D. C. 10—Ga. 24—Ill. 102—
Ind. 157—Iowa 85—Md. 16—
Mass. 605—Mich. 178, 830, 911—
Minn. 33—Mo. 24, 296—N. J. 113,
453—N. Y. 663, 1480, 1649,
1709—N. C. 198—Ohio 154, 501—
Okla. 63—Ore. 43—Pa. 34, 438—
Tenn. 115—Tex. 96, 827—Wash. 49—
Wis. 115—Canada 399

AROLOX CORP.

5 Emerick St.
Ypsilanti, Mich.

(Contact manufacturer direct)

ARONSON MACHINE CO.

W. Main St.
Arcade, N. Y.

Cal. 148, 222, 1052—Colo. 106—

Ill. 97, 208—Ind. 364—Iowa 125—
Kan. 59—Mass. 50—Minn. 321—
Mo. 417—Ohio 252, 688, 1137—
Okla. 150—Ore. 106—Pa. 435, 853—
Tenn. 105—Tex. 527—Va. 65—
Wis. 94, 274—Canada 478

ARROW ENGINEERING CO., INC.

11625 Walsingham Rd.
Largo, Fla.

Cal. 503—Colo. 105—Fla. 304—
Kan. 77—Mass. 646—Mich. 553,
983—Minn. 216—Mo. 561—N. Y. 277,
655—Ohio 648—Okla. 104—
Ore. 174—Pa. 604—Tenn. 71—
Tex. 214—Wash. 274—Canada 232

ARROW GEAR CO.

7826 W. 47th St.
Lyons, Ill.

Mass. 396—Mich. 453—Mo. 145—
N. Y. 321—Ohio 326, 1028—
Pa. 139—Tex. 182

ARROW HART & HEGEMAN

ELECTRIC, THE

103 Hawthorn St.
Hartford 6, Conn.

Cal. 337, 1116—Ga. 25—Ill. 104—
Mass. 52—Mich. 179—N. Y. 727—
Pa. 439

ARROW MACHINISTS & FABRICATORS

154 E. Third St.
Mt. Vernon, N. Y.

(Contact manufacturer direct)

ARROW TOOL & REAMER CO.

711 Stephenson Hwy.
Troy, Mich.

Ariz. 72—Cal. 268, 424, 427, 694,
990, 1052, 1060, 1089, 1437, 1516—
Conn. 282—Ill. 243, 645, 740, 1122,
1205—Ind. 127, 462—Kan. 109—
Md. 36—Mass. 675—Mich. 1319,
1369, 1377—Mo. 531—N. Y. 369,
433, 796—Ohio 345, 760, 1102,
1171—Okla. 110—Ore. 61—Pa. 293,
937—R. I. 66—Tex. 332, 510—
Wis. 17, 102

ARROW TOOLS INC.

1900 S. Koster Ave.
Chicago 23, Ill.

Ga. 101—Md. 87—Mass. 104—
Mich. 288—N. J. 1, 164—N. Y. 358—
Ohio 679, 789—Pa. 414, 936—
Tex. 371

ARROWSMITH TOOL & DIE CORP.

9700 Bellanca Ave.
Los Angeles 45, Cal.

(See advertisement p. 31)

Cal. 282

ARTUS CORP., THE

201 S. Dean St.
Englewood, N. J.

(Contact manufacturer direct)

ASHLAND OIL & REFINING CO.

See Valvoline Oil Co.
National Refining Co.

ASSOCIATED AMERICAN WINDING MACHINERY

Associated American Trading Div.
750 St. Ann's Ave.
Bronx 56, N. Y.
Ill. 105

ASSOCIATED SPRING CORP.

Bristol, Conn.

(Contact manufacturer direct)

ASSOCIATED SPRING CORP.

See Also Raymond Manufacturing Div.

MANUFACTURERS

ATHOL MACHINE & FOUNDRY CO.

82 South St.
Athol, Mass.
Cal. 339, 868—Ill. 108—N. Y. 730—
Wash. 52

ATKINS SAW DIV.

Borg Warner Corp.
402 S. Illinois St.
Indianapolis 9, Ind.
(Contact manufacturer direct)

ATKOMATIC VALVE CO., INC.

545 W. Abbott St.
Indianapolis 25, Ind.
Cal. 377, 932—Colo. 227—
Conn. 197—Fla. 44—Ill. 692—
Ky. 107—La. 194—Md. 73—
Mass. 488—Mich. 455—Minn. 314—
Mo. 256—N. Y. 282, 867, 1570—
N. C. 94—Ohio 390, 594, 1116,
1305—Pa. 153, 806—Tex. 708—
Va. 116—Wash. 139—Wis. 184

ATLANTIC MACHINE TOOL WORKS, INC.

549 Cedar St.
Newington 11, Conn.
Ala. 42—Cal. 704—Ill. 1038—
Mass. 185—Mich. 533—Minn. 312—
N. Y. 1139—Ohio 445—Pa. 604—
Wis. 320—Canada 211

ATLANTIC REFINING CO., THE

269 S. Broad St.
Philadelphia 1, Pa.
(Contact manufacturer direct)

ATLANTIC SAW MANUFACTURING CO., INC.

157 Brewery St.
New Haven 11, Conn.
Ark. 19—Cal. 657—Fla. 46—
Ga. 141—Md. 157—Mass. 651—
Mich. 143—N. J. 355—N. Y. 342,
449, 1249, 1716—Ohio 382, 575,
1073, 1098, 1489, 1688—Pa. 169,
566, 911—W. Va. 12

ATLAS CHAIN & MANUFACTURING CO.

P. O. Box 708
West Pittston, Pa.
Ala. 107—Cal. 816, 1180—Colo. 77—
Fla. 209—Ga. 108, 298, 306, 309—
Ill. 699, 1099—La. 24, 40, 209,
210—Md. 131—Mich. 745—Mo. 62,
191—Neb. 50—N. J. 238, 242, 462,
549—N. Y. 44, 128, 299, 1023,
1672—N. C. 217—Ohio 529, 1065,
1506—Okla. 17—Pa. 21, 83, 394,
598, 587, 1101, 1164, 1293, 1305—
S. C. 3—Tenn. 51, 143—Tex. 14,
436, 725, 788, 812, 868—Wash. 110—
Wis. 5, 76—Canada 125, 210, 441,
507, 614

ATLAS PRESS CO.

See Clausung Div.

ATLAS TOOL & DIE WORKS

2838 W. 21st St.
Chicago 23, Ill.
(Contact manufacturer direct)

ATRAx CO., THE

240 Day St.
Newington 11, Conn.
Ala. 64, 209—Ariz. 39, 104—
Cal. 123, 496, 600, 1252, 1377—
Colo. 49, 142, 220, 254—D. C. 89—
Fla. 182, 311, 343—Ga. 108—Ill. 851,
1189, 1225, 1276—Ind. 250—
La. 192—Mass. 16, 245, 616—
Mich. 128, 894—Minn. 159—Mo. 49,
469—N. J. 81, 464—N. M. 27—
N. Y. 65, 350, 440, 1320, 1466,
1503, 1660, 1669—N. C. 183—
Ohio 983—Pa. 178, 1056, 1211—
R. I. 17—S. C. 61—Tenn. 1, 92,

124—Tex. 339, 686—Utah 81—
Wash. 86—Wis. 102—Canada 476

AUBURN MACHINE CO.

307 Chapman St.
Providence 5, R. I.
(Contact manufacturer direct)

AUBURN MACHINE WORKS, INC.

See Miller-Knuth Manufacturing Co.

AUSTIN INDUSTRIAL CORP.

76 Mamaroneck Ave., P. O. Box 430
White Plains, N. Y.
Ariz. 88—Cal. 794, 1423—Colo. 70—
Conn. 148—Fla. 257—Ill. 1035—
Ind. 153—Kan. 77—Ky. 4—Md. 21—
Mass. 608—Mich. 572, 625—
Minn. 159—Mo. 295—N. J. 29—
N. M. 25—N. Y. 426, 589, 895,
1225—Ore. 174—Pa. 730, 1068,
1355—Tex. 314—Va. 124—
Wash. 274, 363—Wis. 320

AUSTIN TOOL CO., INC.

811 Capital Ct., - Box 4123
Austin 51, Tex.
Ala. 64—Cal. 4, 1198—Conn. 99—
Ill. 813—Kan. 77—Md. 61—
Mich. 1203, 1329—Mo. 454—
N. Y. 1514—Ohio 460—Pa. 934,
1337—R. I. 17—Tex. 39, 280, 463,
686, 774—Wash. 178

AUTOMATIC FEED CO.

Canal Rd.
Napoleon, Ohio
Ill. 794—Ind. 246—Mich. 206, 814,
875—Ohio 185, 795—Pa. 221, 1100—
Wis. 439

AUTOMATIC SWITCH CO.

50-56 Hanover Rd.
Florham Park, N. J.
Ala. 97, 104—Ariz. 81—Cal. 261,
342, 463, 1074, 1194, 1240, 1328—
Colo. 67, 93—Conn. 61, 168, 204,
383—D. C. 44—Fla. 90, 172, 316—
Ga. 98, 202—Ill. 31, 283, 650,
1185—Ind. 44, 133, 183, 190, 473,
550—Iowa 59, 94—Kan. 107—
Ky. 53—La. 27, 57, 117, 196—
Me. 9, 14—Md. 56, 158, 182, 225—
Mass. 4, 129, 464, 515, 606, 693—
Mich. 251, 544, 727, 729, 879, 885,
969, 1181, 1199, 1307—Minn. 145,
147—Mo. 263, 426, 446, 158—
Neb. 17, 28—N. H. 16—N. J. 73, 145,
164, 295, 417, 478, 515, 519—
N. M. 10, 50—N. Y. 221, 347, 856,
1510—N. C. 76, 111, 227—Ohio 26,
133, 241, 327, 329, 498, 682, 865,
1097, 1274, 1591, 1736—Okla. 34,
105, 139—Ore. 96, 192—Pa. 93, 367,
851, 906, 1303—R. I. 58—Tenn. 32,
87—Tex. 19, 49, 72, 119, 192, 405,
433, 584, 608, 716, 831—Utah 34,
105—Vt. 2—Va. 69—Wash. 271, 277,
356—W. Va. 22—Wis. 5, 129,
185—Canada 56, 112, 192, 230, 555

AUTOMATIC VALVE CO.

37415 Grand River
Farmington, Mich.
Cal. 216, 1158—Conn. 44—Ill. 365—
Ind. 417—Mich. 114—N. J. 263—
Ohio 807—Ore. 111—Pa. 555—
Tex. 708—Wis. 96

AUTOMATION DEVICES, INC.

See Peeco Div.

AUTO-PONENTS, INC.

3001 W. Grant St.
Bellwood, Ill.
Ariz. 5—Cal. 37, 76, 77, 203, 216,
314, 488, 541, 791, 835, 840, 860,
910, 927, 1158, 1293, 1332, 1383, 1397,
1467—Colo. 121, 224—Conn. 11, 205,
277, 353, 356—Fla. 123, 145—
Ga. 101—Ill. 38, 57, 58, 82, 365, 377,
383, 504, 535, 593, 787, 858—

Ind. 94, 267, 387, 506—Iowa 157—
Kan. 64—Ky. 126—Md. 17, 87—
Mass. 196, 299, 428, 441—Mich. 373,
425, 451, 455, 527, 616, 786, 802,
861, 885, 926, 1161, 1255, 1263,
1314—Minn. 36, 103, 172, 308—
Miss. 27—Mo. 43, 57, 279, 391, 523—
N. H. 16—N. J. 88, 89, 90, 164, 263,
356, 439—N. Y. 56, 99, 140, 282,
306, 358, 365, 968, 996, 1318, 1351,
1391—N. C. 223—Ohio 367, 865,
1107, 1314, 1414, 1494, 1638, 1721
Okla. 5, 30, 35—Ore. 104, 140—
Pa. 124, 126, 408, 413, 414, 602,
643, 1049—R. I. 22—S. C. 8—
Tex. 371, 487, 488—Wash. 270,
320—W. Va. 54, 81—Wis. 159, 202,
230, 310, 343, 345—Canada 63, 165,
356, 410, 523, 528, 629

AVIATION DEVELOPMENTS, INC.

210 S. Victory Blvd.
Burbank, Calif.
(Contact manufacturer direct)

AVIATION LUBRICANTS CO., INC.

2361 India St. - P. O. Box 1607
San Diego 12, Cal.
Cal. 131, 217, 875, 1006, 1044, 1046,
1070, 1088—Conn. 494—Ga. 341—
Ill. 502—Kan. 130—Ohio 1188—
Tex. 459—Wash. 224

— B —

B & E MANUFACTURING CO., INC.

Oak Grove, Mo.
(Contact manufacturer direct)

B.M.T. MANUFACTURING CO.

110 E. Ninth St.
Elmira Heights, N. Y.
Cal. 133—Canada 218

B.S.A. TOOLS, LTD.

228 Norseman St.
Toronto, Ontario, Canada
(Contact manufacturer direct)

B-S-M CARBIDE SPECIALTIES, INC.

N. Main St., P. O. Box 208
Boonton, N. J.
(Contact manufacturer direct)

B & T MACHINERY CO.

Div. of Greenlee Bros & Co.
201 W. Eighth St.,
Holland, Mich.
(Contact manufacturer direct)

B & W PRECISION PRODUCTS CO.

P. O. Box 3865
Detroit 5, Mich.
Cal. 417—Ill. 728—Ind. 219—
Mass. 20—Mo. 323—N. J. 44—
N. Y. 420, 840—N. C. 86—Ohio 179,
972—Tex. 441—Va. 66—Wash. 172

BACHMANN CO., INC. ERIC R.

27-11 41st Ave.
Long Island City 1, N. Y.
Fla. 287—Mass. 548

BACON FELT CO.

427 W. Water St.
Taunton, Mass.
Conn. 443—Ill. 209, 290, 318, 877—
N. J. 331—N. Y. 717, 1708—
Ohio 1199, 1215—Pa. 5—Wis. 462

BAGSHAW CO., INC. W. H.

Pine St.
Nashua, N. H.
Cal. 726—Mich. 123—Utah 13

BAIRD MACHINE CO., THE

1700 Stratford Ave.
Stratford, Conn.
Cal. 523, 1071, 1207—Colo. 155—
Fla. 304—Ga. 207—Ill. 544, 1005—

Ind. 343—Kan. 78—La. 100—
Mich. 545, 963—Minn. 177—Mo. 103,
319—N. Y. 315—N. C. 7, 191, 134—
Ohio 403, 792, 1122, 1315—Okla. 23—
Ore. 174—Pa. 196, 712, 1004—
S. C. 24—Tex. 207, 590—Va. 50,
120, 145—Wash. 363, 274—
Wis. 313—Canada 83, 439, 505, 612

BAJ TOOL CO., THE

19751 St. Clair Ave.
Cleveland 19, Ohio
Cal. 123, 606, 1198—Colo. 142—
Conn. 331, Fla. 182, 249—Ga. 207,
328—Ill. 120, 141, 502, 508—
Ind. 136—Md. 33—Mass. 310, 385—
Mich. 793, 984—Minn. 312—
Mo. 567—N. M. 15—N. Y. 106, 291,
602, 861—N. C. 256—Ohio 174—
Okla. 30—Pa. 156, 178, 418, 765,
955—Tenn. 32—Va. 66—Canada 195,
486, 612

BAKELITE CO.

Div. of Union Carbide Corp.
420 Lexington Ave.
New York 17, N. Y.
Cal. 760, 1335—Conn. 221—Ga. 237—
Ill. 759—Mass. 196—Mich. 753—
Mo. 238, 571—N. J. 77, 292—
N. Y. 562, 1128, 1422—Ohio 981,
434—Pa. 1125—Wis. 411

BAKER BROTHERS, INC.

Post and Harleau St.
Toledo 10, Ohio
Ala. 101—Ariz. 78—Cal. 523, 1469—
Ga. 58—Ill. 308—Ind. 223—La. 214—
Mass. 185—Mich. 865—Mo. 418—
N. Y. 334, 721, 1062, 1585—Ohio 697,
1325—Pa. 806, 1317—Tex. 273,
697—Wash. 76

BAKER INDUSTRIAL TRUCKS

8000 Baker Ave.
Cleveland 2, Ohio
Ala. 55—Cal. 166, 512, 1191—
Colo. 190—Conn. 170, 422—Fla. 98,
306—Ga. 215—Ill. 110, 1086—
Ind. 63, 410—Iowa 21, 56, 99—
Kan. 23—Ky. 34—La. 136—
Mass. 415—Mich. 582, 1197, 1315—
Minn. 7, 114—Mo. 490—N. Y. 14,
199, 743, 1501—N. C. 90—Ohio 328,
652, 1094—Okla. 29—Ore. 144—
Pa. 181, 253, 443, 988—S. C. 30—
Tenn. 36, 72, 164, 229—Tex. 6, 20,
97, 648, 792, 817—Wash. 201—
W. Va. 49—Wis. 4, 86—Canada 114,
238, 391, 579

BAKEWELL PRODUCTS

1128 Mission St.
South Pasadena, Cal.
Cal. 230, 536, 606, 1042, 1330—
Kan. 74—Md. 136—N. Y. 569—
Ohio 307—Tex. 418

BALCRANK INC.

Disney St.
Cincinnati 9, Ohio
(Contact manufacturer direct)

BALD EAGLE CORP.

356 Cedar St.
St. Paul 1, Minn.
Ariz. 33—Cal. 98, 600, 606, 678,
717—Conn. 45, 394—Fla. 182—
Ill. 398, 502, 886, 1038—Ind. 126,
356—Kan. 78—La. 184—Mass. 413—
Mich. 490, 1203, 1364—Minn. 183,
218—Mo. 108, 505—N. J. 374—
N. Y. 291, 568, 1074, 1698—
Ohio 606, 648, 1225, 1280, 1410—
Pa. 447—Wis. 358—Canada 342

BALDOR ELECTRIC CO.

4353 Duncan Ave.
St. Louis 10, Mo.
Cal. 367, 923—Conn. 231—Ga. 145—
Ill. 1237—Iowa 123—Mich. 256—
Minn. 72—Mo. 265—N. Y. 1597—
Ohio 637, 1329—Ore. 133—Pa. 144—
Tex. 196—Wis. 236

BALDT ANCHOR, CHAIN & FORGE DIV.

The Boston Metals Co.
Sixth and Butler St.
Chester, Pa.
(Contact manufacturer direct)

BALDWIN-LIMA-HAMILTON CORP.

Eddystone Div.
Philadelphia 42, Pa.
Cal. 347, 1125—D. C. 11—Ill. 111—
Mich. 188—Mo. 300—N. Y. 741,
1449—Pa. 444, 794—Tex. 98

BALDWIN-LIMA-HAMILTON CORP.

Hamilton Div. (Machine Tools)
545 N. Third St.
Hamilton, Ohio
Ala. 128—Cal. 670, 1151—Colo. 155—
Ill. 294—Ind. 191—Minn. 275—
Mo. 519—Neb. 20—Tex. 590—
Utah 47—Wash. 143

BALDWIN-LIMA-HAMILTON CORP.

Hamilton Div. (Presses)
Ala. 101—Cal. 347, 615, 1125,
1310—D. C. 11—Fla. 171—Ga. 244—
Ill. 111, 794—Mass. 142—Mich. 145,
188—Minn. 312—Mo. 300, 476—
N. Y. 741, 1257, 1449, 1623—
Ohio 476, 1328—Ore. 67—Pa. 444,
712, 794—Tex. 98, 202, 697—Va. 50

BALDWIN-LIMA-HAMILTON CORP.

See Also Loewy-Hydropress Div.

BALLOFFETT-VIANNEY WIRE

DIE CO., INC.
6825 Adams St.
Guttenberg, N. J.
(Contact manufacturer direct)

BANNER WELDER, INC.

6820 N. 43rd St.
Milwaukee 9, Wis.
Ga. 62—Ill. 872, 1026—Ind. 198—
Md. 163—Mich. 1122—Pa. 1004,
1308—Tenn. 246—Wis. 35

BARBER-COLMAN CO.

1300 Rock St.
Rockford, Ill.
(See advertisement p. 10-11)
Ariz. 88—Cal. 349, 1423—Ill. 1032,
1215—Ind. 159—Mass. 317—
Mich. 190, 1107, 1147—Minn. 229—
Mo. 527—N. J. 12—N. Y. 1269—
N. C. 26—Ohio 160, 506—Okla. 108—
Pa. 447, 1155—Tex. 30, 676—
Wash. 107, 269—Wis. 118—
Canada 85, 124, 209, 440, 506, 613

BARBER-COLMAN CO.

(lathes only)
Ariz. 88—Cal. 709, 1423—D. C. 89—
Ill. 1032, 1215—Mich. 182—
Minn. 229—Mo. 106, 527—N. J. 12—
N. Y. 1257—N. C. 26—Ohio 715—
Okla. 108—Pa. 604, 1155—R. I. 63—
Tex. 697—Wis. 118—Canada 85, 124,
209, 440, 506, 613

BARCO CHEMICAL PRODUCTS CO.

701-703 S. La Salle St.
Chicago 5, Ill.
(Contact manufacturer direct)

BARDEN CORP., THE

Danbury, Conn.
(Contact manufacturer direct)

BARDONS & OLIVER, INC.

1133 W. Ninth St.
Cleveland 13, Ohio
Ala. 102—Cal. 753, 1290—Colo. 105—
Conn. 516—D. C. 18—Fla. 304—
Ga. 58—Ill. 948—La. 100—Md. 33—
Mich. 1203, 1237—Minn. 229—
Mo. 106, 319—N. Y. 1395, 1585—
Ohio 1265—Ore. 174—Pa. 747, 953—
Tex. 77, 112—Va. 50—Wash. 274—
Wis. 387—Canada 324, 542

BARER ENGINEERING & MACHINERY CO., LTD.

Champlain, N. Y.
Cal. 1496—Conn. 53—Fla. 159, 344—
Ind. 456—Kan. 24—Me. 18—Md. 13—
Mass. 233, 689—Minn. 263—N. J. 201,
344—N. Y. 122, 348, 540, 1206,
1369—Ohio 15—Pa. 1004—
Canada 273, 405, 533

BARKER ENGINEERING CO.

500 S. Green Rd.
Cleveland 21, Ohio
Cal. 369, 434—Conn. 260, 477—
Ill. 166—Kan. 77—Mass. 431—
Mich. 221, 403, 625, 1219—
Minn. 183—Mo. 66, 295—N. Y. 179,
762, 1348—Tex. 246—Wis. 387

BARKSDALE VALVES

Control Valve Div. & Pressure Switch Div.
5125 Alcoa Ave.
Los Angeles 58, Cal.
Ala. 68—Ariz. 27—Cal. 351, 1052,
1127—Colo. 101, 166—Conn. 508—
D. C. 86—Fla. 172—Ga. 179—
Ill. 119, 1159—Ind. 305—Iowa 63—
Kans. 75, 120—Ky. 43—La. 183—
Md. 87—Mass. 428—Mich. 633—
Minn. 118—Mo. 228, 471, 605—
Neb. 43—N. Y. 365, 515, 1400,
1614—N. C. 31—Ohio 364, 850,
974, 1244, 1293, 1723—Okla. 69,
164—Ore. 181—Pa. 1, 806—
Tenn. 149—Tex. 621, 815—Wash. 25,
270, 348—Wis. 224, 356

BARNES DRILL CO.

814 Chestnut St.
Rockford, Ill.
Ala. 169—Cal. 211, 704, 1423—
D. C. 47—Ga. 207—Ill. 294—
Ind. 352—Kan. 127—La. 100—
Mass. 21—Mich. 191, 1000—
Minn. 275—Mo. 64, 319—N. J. 502—
N. Y. 195, 549, 1139, 1284—Ohio 403,
825, 937, 1122, 1315, 1649—Ore. 79,
93—Pa. 1100, 1308—Tex. 253, 671—
Utah 57—Wash. 143, 340—Wis. 194

BARNES CORP., JOHN S.

301 S. Water St.
Rockford, Ill.
Ala. 68—Cal. 437, 1293—Conn. 445—
Ill. 895—Mich. 193—N. J. 554—
Ohio 46, 383, 901—Tex. 371, 756—
Canada 458

BARNES CO., W. F. AND JOHN

301 S. Water St.
Rockford, Ill.
Mich. 481—Tex. 202, 747

BARNES CO., INC. W. O.

1297 Terminal
Detroit 14, Mich.
(Contact manufacturer direct)

BARRETT CO., THE LEON J.

1490 Grafton Rd.
Worcester 1, Mass.
Cal. 523, 1207—Ill. 92—Md. 189—
Mass. 343—Ohio 173, 1473—
Pa. 1100—Tex. 30, 676—Wis. 370—
Canada 478, 640

BARRY CONTROLS, INC.

782 Pleasant St.
Watertown 72, Mass.
Cal. 73—D. C. 45—Fla. 284—
Ill. 121—Md. 125—Mass. 365—
Mich. 194—Minn. 121—Mo. 130,
411—N. Y. 493, 1321—Ohio 1174—
Pa. 687—Tex. 120—Canada 169, 573

BARTH CORP., THE

12650 Brookpark Rd.
Cleveland 30, Ohio
(Contact manufacturer direct)

BARTON MINES CORP.

North Creek, N. Y.
(Contact manufacturer direct)

MANUFACTURERS

BATH CYRIL CO., THE

33400 Aurora Rd.
Solon, Ohio
Cal. 468—Colo. 125—D. C. 95—
Ga. 167—Ill. 578—Mich. 1037—
Minn. 229—Mo. 476—N. J. 260—
N. Y. 621—N. C. 172—Ohio 1182—
Pa. 1316—Tex. 273—Wash. 301—
Wis. 353, 384—Canada 474

BATH & CO., INC., JOHN

19 Mann St.
Worcester 2, Mass.
(See advertisement p. 550)
Ala. 116, 172—Ariz. 33—Ark. 25—
Cal. 108, 322, 1042, 1070, 1385—
Colo. 59—Conn. 79, 201, 263—
D. C. 89—Fla. 251, 285, 351—
Ga. 181, 303, 318—Ill. 402, 905—
Ind. 71, 212, 489—Md. 104—
Mass. 340—Mich. 41, 101, 784, 850—
Minn. 113—Mo. 196, 584—Neb. 32—
N. J. 379, 607—N. M. 42—N. Y. 362,
407, 512, 892, 1203, 1417, 1440—
Ohio 218, 774, 1206, 1572—Ore. 71—
Pa. 43, 190, 925, 1022, 1348—
Tenn. 34—Tex. 39, 676—Va. 28—
Wis. 203, 410—Canada 311, 532

BAUSCH & LOMB OPTICAL CO.

76359 St. Paul St.
Rochester 2, N. Y.
Cal. 352, 1128—D. C. 12—Ga. 31—
Ill. 125—Mass. 53—Mich. 107—
Mo. 307—N. Y. 747—Pa. 450—
Wash. 56—Canada 257, 315

BAUSH MACHINE TOOL CO.

156 Wason Ave.
Springfield 7, Mass.
Ala. 102—Cal. 523, 1071, 1207,
1423—Ga. 242—Ill. 794—Ind. 239—
Kan. 80—Ky. 35—La. 192—
Mass. 171—Mich. 183—Minn. 229—
Miss. 29—Mo. 108, 418—Neb. 46—
N. Y. 315, 878, 1230, 1602—
N. C. 137—Ohio 777—Okla. 101—
Ore. 37—Pa. 207, 1123, 1316—
Tex. 255, 736—Utah 11—Va. 52—
Wash. 235—W. Va. 12

BAY PRODUCTS DIV.

American Metal Works Inc.
1835 W. Cambria St.
Philadelphia 32, Pa.
Cal. 609—Conn. 54—Ill. 424—
Md. 170—Mass. 256—Mich. 339—
Minn. 295—Mo. 560—N. Y. 283—
Ohio 294, 859—Pa. 723—Va. 30

BAY STATE ABRASIVE PRODUCTS CO.

Union St.
Westboro, Mass.
Ala. 3, 21, 64, 165, 195—Ariz. 13,
33, 104—Ark. 2, 25, 32—Cal. 288,
350, 577, 583, 687, 1030, 1039, 1052,
1377, 1400, 1500, 1503, 1527, 1534—
Colo. 6, 207—Conn. 54, 70, 72, 73,
93, 145, 246, 301, 471—Del. 12—
D. C. 74, 92—Fla. 16, 31, 75, 90,
172, 251, 266, 285, 312, 317, 345,
351—Ga. 78, 163, 312, 315, 340—
Idaho 17, 25, 28—Ill. 29, 46, 48, 91,
126, 181, 231, 297, 441, 720, 749,
831, 842, 852, 857, 864, 874, 880,
898, 929, 962, 981, 1039, 1190,
1213—Ind. 17, 33, 48, 62, 120, 180,
196, 397, 469, 505, 510, 576—
Iowa 10, 29, 52, 112, 118, 139, 147,
148, 169—Kan. 129—Ky. 24, 138,
141—La. 29, 43, 55, 59, 61, 63, 98,
203, 211, 233—Md. 36, 75, 92, 195—
Mass. 16, 229, 245, 322, 324, 492,
496, 554, 616, 666—Mich. 6, 35, 67,
76, 81, 89, 171, 184, 320, 848, 867,
894, 913, 978, 1002, 1071, 1074,
1098, 1126, 1226, 1313, 1329—
Minn. 186, 243, 267, 286—Mo. 34,
66, 181, 470, 598, 607—Neb. 9, 64—
Nev. 2, 6—N. H. 7—N. J. 115, 418,
536, 574—N. M. 32, 54, 57, 60, 63—
N. Y. 44, 234, 370, 446, 455, 501,
506, 539, 584, 587, 586, 637, 685, 813, 939,
1233, 1245, 1304, 1544, 1654, 1669, 1700—

N. C. 76, 83, 91, 155, 156, 183, 242, 251—
Ohio 35, 60, 88, 103, 108, 341, 355, 497, 507,
782, 784, 930, 1100, 1237, 1276, 1353,
1403, 1454, 1457, 1471, 1508, 1624,
1714, 1753—Okla. 22, 38, 47, 104—
Ore. 13, 95, 122, 186—Pa. 16, 78,
111, 120, 224, 234, 259, 285, 327,
374, 376, 385, 392, 542, 786, 791,
793, 799, 847, 868, 962, 1165, 1174,
1205, 1234, 1237, 1258, 1299, 1340—
R. I. 82—S. C. 52, 75—Tenn. 22, 63,
102, 177, 248—Tex. 2, 21, 26, 51,
66, 78, 319, 391, 416, 431, 434, 447,
470, 513, 603, 683, 747, 762, 764,
774, 789, 799, 813, 814, 838, 842,
864, 865, 871, 874, 876, 882—
Utah 1, 74—Vt. 6, 12, 19—Va. 19,
22, 28, 41, 57, 146—Wash. 26, 102,
323, 350, 384—W. Va. 2, 5, 12, 31,
37, 57, 67, 86—Wis. 46, 77, 133,
244, 293, 450—Canada 156, 316

BAY STATE TAP AND DIE CO.

Chauncy St.
Mansfield, Mass.
Ala. 169, 206—Ariz. 108—Cal. 491,
1044, 1205—Conn. 93, 342, 502—
Fla. 718—Ga. 108, 219—Ill. 666, 932,
1101, 1168—Ind. 240, 518—Kan. 10,
125—Ky. 63—La. 96—Md. 33—
Mass. 51, 322, 680—Mich. 395, 1051,
1087, 1335—Minn. 290—N. J. 81,
349—N. Y. 314, 369, 1389, 1503,
1557, 1688—Ohio 946, 1171, 1628—
Okla. 104—Ore. 193—Pa. 180,
398, 1124—R. I. 10—Tenn. 32, 148,
267—Tex. 671—Wash. 54, 850—
W. Va. 26—Wis. 75, 408

BEAR MANUFACTURING CO.

2016 Fifth Ave.
Rock Island, Ill.
(Contact manufacturer direct)

BEATTY MACHINE & MANUFACTURING CO.

940 150th St.
Hammond, Ind.
Cal. 599, 1469—Canada 85, 124, 440,
506, 613

BEAVER PIPE TOOLS, INC.

310 Dana Ave., N. E.
Warren, Ohio
(Contact manufacturer direct)

BEAVER TOOL & ENGINEERING CORP.

500 W. County Rd.
Gaylord, Mich.
(See advertisement p. 74)

Ala. 164, 172, 180, 209—Ariz. 11,
104—Cal. 122, 214, 230, 309, 322,
606, 689, 697, 714, 765, 796, 878,
1015, 1044, 1080, 1144, 1377, 1400—
Colo. 107, 142, 155, 207—Conn. 22,
71, 476, 494—Fla. 34, 79, 172, 272,
290—Ga. 18, 58, 78, 108, 181, 219,
234—Ill. 8, 141, 203, 240, 267, 514,
519, 543, 557, 714, 728, 758, 851,
852, 1011, 1124, 1158, 1177, 1280—
Ind. 44, 70, 92, 109, 110, 139, 213,
273, 277, 427, 478, 556, 564—
Kan. 77, 118, 127—Ky. 48, 58, 65—
La. 30, 100, 166, 184, 192, 224, 231—
Me. 25—Md. 25, 33, 61, 78, 131,
197—Mass. 69, 103, 289, 347, 459,
540, 671—Mich. 39, 40, 95, 105, 223,
258, 325, 475, 490, 667, 714, 741,
755, 758, 795, 832, 845, 913, 935,
959, 977, 992, 1102, 1122, 1159,
1191, 1198, 1214, 1248, 1251, 1253,
1254, 1316, 1329, 1361, 1362, 1364—Miss. 17,
29—Neb. 32—N. J. 126, 190, 201,
337, 379, 395, 468—N. Y. 72, 85,
100, 106, 118, 306, 357, 451, 504,
567, 676, 841, 888, 889, 977, 1010,
1097, 1180, 1291, 1359, 1452, 1465,
1579, 1582, 1611, 1623, 1638, 1654,
1688, 1692, 1697—N. C. 64, 114,
266—Ohio 28, 179, 250, 302, 331,
345, 391, 641, 877, 1015—Okla. 22,
111, 129, 131, 134—Ore. 37, 79,
93, 97, 122, 131—Pa. 94, 131, 156,
178, 229, 316, 327, 345, 514, 650,
720, 798, 1053, 1077, 1097, 1100,

1151, 1258, 1296, 1337, 1355—
R. I. 7, 31, 49, 70, 72—S. C. 24, 58—
Tenn. 34, 102, 105, 163, 203—
Tex. 112, 194, 319, 332, 418, 434,
463, 481, 603, 671, 675, 685, 686,
733, 736, 741, 747, 774—Utah 74,
84—Vt. 17, 18—Va. 28, 50, 88, 112,
136—Wash. 50, 86, 108, 143, 227,
235, 258—W. Va. 37—Wis. 13, 17,
35, 78, 241, 395, 444, 450—
Canada 155, 195, 273, 303, 312,
389, 426, 453, 477, 486, 578, 587

BECKETT-HARCUM CO.

965 W. Locust St.
Wilmington, Ohio
Cal. 316, 403, 910, 927—Colo. 135—
Conn. 44, 356—Fla. 283—Ga. 37,
148—Ill. 57, 383, 555, 1191—
Ind. 506—Iowa 68—Mass. 299, 619,
670—Mich. 425, 506, 956, 990—
Minn. 181—Mo. 39, 249, 279, 470—
N. J. 117, 263—N. Y. 1351—
N. C. 84—Ohio 44, 865—Okla. 30,
131—Pa. 2, 590, 1149—R. I. 22—
S. C. 8—Tenn. 202—Tex. 371, 756—
Wash. 269—W. Va. 54, 81—Wis. 321,
345—Canada 423, 561

BEDFORD GEAR & MACHINE PRODUCTS, INC.

550 Krick Rd.
Bedford, Ohio
Cal. 1425, 1446—Conn. 12, 131—
Fla. 192—Ill. 94—Ind. 273—
Kan. 100—Mass. 413—Mo. 167,
454—N. J. 335—N. Y. 1291—Ohio 10,
279, 1570—Canada 155, 529

BEHR MACHINERY & EQUIPMENT CORP.

1100 Seminary St.
Rockford, Ill.
(Contact manufacturer direct)

BEHR-MANNING CO.

Div. of Norton Co.
3059 Howe St.
Troy, N. Y.
Cal. 357, 1134—Ga. 271—Ill. 130—
Ind. 162—Mass. 234—Mich. 202,
918—Mo. 311—N. J. 43, 543—
N. Y. 181, 1842—N. C. 200—
Ohio 165, 512—Wash. 59

BELL & GOSSETT CO.

8200 N. Austin Ave.
Morton Grove, Ill.
(Contact manufacturer direct)

BELLEVUE INDUSTRIAL FURNACE CO.

2620 Crane Ave.
Detroit 14, Mich.
Ala. 209—Cal. 721—La. 100—
Mich. 601, 710, 797—N. Y. 89, 232,
1611—Ohio 302—Wash. 318—
Canada 165, 513

BELLOWS CO., THE

220 W. Market St.
Akron 9, Ohio
Ala. 27—Ariz. 15—Cal. 196, 1053,
1415—Colo. 27—Conn. 19, 33, 283—
Fla. 152—Ga. 33—Ill. 132, 1089,
1145—Ind. 35, 65, 164, 524—
Iowa 14—Ky. 32—La. 78—Me. 24—
Mass. 400, 508, 642—Mich. 14, 204,
919, 1078, 1110, 1304—Minn. 53—
Mo. 61, 313—N. H. 5—N. J. 315,
556—N. Y. 8, 87, 182, 653, 749, 1273,
1504—N. C. 159—Ohio 8, 90, 166,
513, 1055, 1177, 1492, 1576—
Okla. 65—Ore. 49—Pa. 164, 168,
308, 1173, 1295—R. I. 30—Tenn. 68,
120—Tex. 102, 507—Utah 18—
Va. 68—Wash. 60—W. Va. 74—
Wis. 81, 124

BELMONT SMELTING & REFINING WORKS, INC.

330 Belmont Ave.
Brooklyn 7, N. Y.
(Contact manufacturer direct)

BELOIT TOOL CORP.

Regal Div.
Milwaukee Rd. P. O. Box 30
Beloit, Wis.
Cal. 604—Conn. 245—Ill. 1175,
1217—Ind. 579—Mich. 1231, 1244—
Minn. 243—R. I. 17—Wis. 18

BEL-RAY CO., INC.

Green Village Rd.
Madison, N. J.
Ga. 34—Ill. 133—N. Y. 1274—
Pa. 603

BELTRACTION CO.

1813 Winona St.
Chicago 40, Ill.
(Contact manufacturer direct)

BENCHMASTER MANUFACTURING CO.

1835 W. Rosecrans Ave.
Gardena, Cal.
(See advertisement p. 42)
Cal. 185, 897—Colo. 25—Ga. 344—
Ill. 432—Ind. 200—Kan. 25—
Mich. 48—Minn. 254—N. Y. 658—
Ohio 927—Ore. 28—Tex. 177

BENCO COLLET MANUFACTURING CO.

1557 E. 27th St.
Cleveland 14, Ohio
Fla. 41—Ill. 816, 917, 1280—
Ind. 368, 545—Kan. 77—Ky. 109—
Mich. 219—Minn. 196—Mo. 56—
N. J. 190—N. Y. 50, 380—N. C. 66,
243—Ohio 1242—Pa. 72, 183, 920—
R. I. 66—Tenn. 203—Tex. 554—
Utah 63—Wash. 269—Wis. 244—
Canada 306

BENDIX AVIATION CORP.

1104 Fisher Bldg.
Detroit 2, Mich.
Cal. 1436—Mass. 600

BENDIX AVIATION CORP.

See Also Bendix Filter Div.
Industrial Controls Section
Pioneer-Central Div.

BENDIX FILTER DIV.

Bendix Aviation Corp.
434 W. 12 Mile
Madison Heights, Mich.
(Contact manufacturer direct)

BENDIX-WESTINGHOUSE AUTOMOTIVE

AIR BRAKE CO.
901 Cleveland St.
Elyria, Ohio
Cal. 741, 1322—Ga. 101—Ill. 555—
Ind. 387—La. 175—Mass. 671—
Mich. 802, 1048—Mo. 391—
N. J. 393—N. Y. 365—N. C. 84—
Ohio 957, 1314—Pa. 590, 873—
S. C. 8—Wash. 285

BENTLEY INDUSTRIAL CORP.

41 E. 42 St.
New York 17, N. Y.
(Contact manufacturer direct)

BERKROY PRODUCTS CO.

1171 E. 32nd St.
Los Angeles 11, Cal.
(Contact manufacturer direct)

BERNELL TOOL CO., INC.

990 Plank Rd.
Waterbury 20, Conn.
Cal. 49, 230—Conn. 476—N. J. 607—
Wis. 371

BERTHELSEN ENGINEERING WORKS, INC.

P. O. Box 1423
Joliet, Ill.
Cal. 773, 926—Colo. 24—Fla. 104—
Ga. 62—Ill. 302—Ind. 601—
Ky. 75—La. 84—Mass. 97—Mich. 403,

985—Minn. 183—Mo. 559—N. J. 86—
N. Y. 537—N. C. 249—Ohio 1241—
Ore. 174—Pa. 1301, 1350—
Tenn. 218—Tex. 343—Wash. 274,
363—Canada 80, 275, 602

BERYLLIUM CORP., THE

P. O. Box 1462
Reading, Pa.
Ariz. 112—Cal. 379—Ill. 138—
Mass. 509—Mich. 108—Minn. 88—
N. M. 39—N. Y. 751—N. C. 69—
Ohio 514, 1178, 1731—Pa. 457, 807—
Wash. 53

BESLY-WELLES CORP.

(Cutting Tools & Gages)
120 Dearborn Ave.
South Beloit, Ill.
(See advertisement p. 568)

Cal. 113, 361, 650, 906, 1034,
1512—Conn. 477—Ill. 3, 15, 64, 120,
191, 240, 243, 442, 482, 714, 849,
880, 989, 1005, 1158, 1189, 1242—
Ind. 12, 48, 74, 247, 369, 564—
Iowa 15, 52, 82, 159, 169—Kan. 93—
Ky. 127—Md. 85—Mich. 6, 470,
1021, 1094, 1198, 1299, 1307, 1383—
Minn. 10, 229—Mo. 32, 108, 289—
Neb. 9, 42—N. J. 136, 585—N. Y. 94,
175, 297, 511, 1242, 1435, 1544—
Ohio 446, 472, 695, 754, 878, 1172,
1226, 1403, 1457, 1504, 1707—
Okla. 46, 147, 151—Pa. 243, 290,
373, 380, 392, 954, 1004, 1149—
Tenn. 192, 269—Tex. 115, 169, 650—
Utah 67—W. Va. 83—Wis. 17, 52, 78,
122, 239, 241, 395, 433, 454—
Canada 428

BESLY-WELLES CORP.

(Machine Tools & Abrasives)
Ariz. 45—Cal. 523, 1071, 1207—
Colo. 142—Conn. 374—Fla. 45—
Ill. 850, 989, 1027—Ind. 339—
Mich. 945, 1042—Minn. 229—
N. J. 302—N. Y. 1629—Ohio 878,
1270—Ore. 153—Pa. 406—Tex. 115,
401, 520—Utah 65—Wash. 235,
275—Wis. 21—Canada 92, 219, 267,
467, 511, 633

BETHLEHEM STEEL CO.

Bethlehem, Pa.
Ga. 36—Ill. 139—Md. 26—Mass. 55—
Mich. 208—Mo. 316—N. Y. 185,
752—Ohio 167, 515—Pa. 458, 808—
Tex. 508

BEVERLY SHEAR MANUFACTURING CO., THE

3804 W. 111th St.
Chicago 43, Ill.
Ala. 79, 209—Cal. 61, 254, 457, 523,
615, 914, 1252, 1259, 1325, 1384,
1401, 1484, 1490—Colo. 93—
Conn. 97—Fla. 84, 248, 317—Ill. 103,
653, 789, 1028—Iowa 99—La. 192—
Me. 22—Md. 101—Mass. 64—
Mich. 714—Minn. 171, 216, 260—
Mo. 106, 330, 540—Neb. 46—
N. J. 54, 389—N. Y. 684, 855—
Ohio 1136—Ore. 147—Pa. 638—
Tenn. 192—Tex. 112, 255, 657, 833—
Utah 84—Wash. 274—Wis. 374—
Canada 324, 340, 401, 457, 640

BIAS BUFF & WHEEL CO.

Div. of Riegel Textile Corp.
Conover, N. C.
Cal. 362—Mich. 209—N. Y. 753

BICKNELL-THOMAS CO.

Box 431
Greenfield, Mass.
(Contact manufacturer direct)

BIG JOE MANUFACTURING CO.

Wisconsin Dells, Wis.
Ariz. 54—Cal. 6, 363, 374, 396, 561,
579, 1137, 1285, 1451, 1474—
Colo. 51—Conn. 249, 265—Fla. 196,

248, 326—Ga. 115—Ill. 120, 141,
392, 477, 581, 896, 1097, 1144,
1158—Ind. 97, 529—Iowa 104—
Kan. 56, 97—Ky. 14—La. 130—
Md. 84—Mass. 76, 634, 647—
Mich. 210, 1003, 1092—Minn. 160,
172—Mo. 161, 203, 459, 467—
N. Y. 194, 532, 554, 786—N. C. 59—
Ohio 626, 831, 1070, 1191, 1245—
Okla. 22—Ore. 33—Pa. 307, 573, 928,
1180—R. I. 50—S. C. 73—Tenn. 93,
169, 237—Wash. 35—Wis. 116, 232

BIJUR LUBRICATING CORP.

151 W. Passaic St.
Rochelle Park, N. J.
Mich. 212

BILLINGS & SPENCER CO., THE

Tool Div.
1 Laurel St.
Hartford 1, Conn.
Ill. 143—Mass. 457—Mich. 1193—
N. Y. 460, 1676—Ohio 248, 1514—
Ore. 171—Pa. 697—Tex. 354—
Va. 119—Canada 96, 522

BILLINGS & SPENCER CO., THE

Forgings Div.
Conn. 414—Fla. 271—Ind. 353—
Md. 113—Mass. 327—Mich. 456—
Mo. 530—N. Y. 1056, 1403—
N. C. 107—Pa. 513, 905—Tex. 437—
Wis. 384

BIRDSBORO STEEL FOUNDRY & MACHINE CO.

Birdsboro, Pa.
Pa. 810

BISCHOFF CHEMICAL CORP.

Main St.
Ivoryton, Conn.
Cal. 42—Mass. 643—Mo. 317—
Pa. 459—S. C. 32

BLACK & DECKER MANUFACTURING CO., THE

600 E. Pennsylvania Ave.
Towson 4, Md.
Cal. 364, 1138—Colo. 30—Fla. 154—
Ga. 39—Ill. 144—Ind. 166—Md. 28—
Mass. 56—Mich. 214—Minn. 56—Mo. 63,
318—N. Y. 187, 1710—Ohio 171—Pa. 460,
811—Tenn. 121—Tex. 105—Wash. 63

BLACK DIAMOND SAW & MACHINE WORKS, INC.

81 North Ave.
Natick, Mass.
(Contact manufacturer direct)

BLACK DRILL CO., INC.

1400 E. 222nd St.
Cleveland 17, Ohio
Ariz. 33—Cal. 230, 878, 914—
Ill. 128—Ind. 273—Iowa 149—
Ky. 24—Md. 61—Mass. 385—
Mich. 196—Minn. 167—Mo. 454—
Neb. 32—N. J. 379—N. Y. 261, 401,
1253—Ohio 198, 519, 822, 946,
1262—Okla. 111—Pa. 644—
Tenn. 252—Tex. 564—Wash. 108—
Wis. 437—Canada 321

BLACK ROCK MANUFACTURING CO., THE

189 Osborne St.
Bridgeport 5, Conn.
(Contact manufacturer direct)

BLACK & WEBSTER, INC.

445 Watertown St.
Newton 58, Mass.
Cal. 46, 544—Colo. 63—Conn. 24—
Fla. 14, 182—Ga. 207—Ill. 496—
Ind. 336—Mass. 360—Mich. 280—
Minn. 329—Mo. 252, 554—N. J. 442—
N. Y. 567, 1401—N. C. 219—Ohio 482,
1410, 1611—Okla. 131—Pa. 299,
934—Tenn. 49—Tex. 708—Vt. 5—
Va. 148—Wis. 424

MANUFACTURERS

BLACKHAWK MANUFACTURING CO.

5325 W. Rogers St.
Milwaukee 46, Wis.

(Contact manufacturer direct)

BLAKE CO., INC., EDWARD

450 Cherry St.

West Newton 65, Mass.

Cal. 359, 910—Ill. 899—Ind. 407—
Mass. 360—Mich. 280—Minn. 113—
N. J. 442—N. Y. 567, 1401—Ohio 169,
878, 1667—Pa. 510, 897—Vt. 5—
Va. 148—Wis. 424

BLAKESLEE & CO., G. S.

1844 S. Laramie Ave.
Chicago 50, Ill.

Cal. 365—Conn. 391—Ind. 167—
Mass. 290, 645—Mich. 215—Mo. 58,
321—N. Y. 45, 756—N. C. 117—
Ohio 518, 1546—Pa. 463—Wis. 131—
Canada 318

BLANCHARD MACHINE CO., THE

64 State St.

Cambridge 39, Mass.

Ala. 112—Cal. 1207—Conn. 487—
Fla. 45—Ga. 318—Ill. 464, 486—
Ind. 311—La. 198—Mass. 171—
Mich. 843—Minn. 275—Mo. 548—
Neb. 32—N. Y. 334, 1062, 1598—
Ohio 346, 819, 1282, 1370—
Okla. 161—Pa. 1021—Tenn. 34—
Tex. 112, 697—Utah 65—Va. 50—
Wash. 274, 363—Canada 83, 311, 492,
640

BLANER MANUFACTURING CO.

1524 Main St.

Cuyahoga Falls, Ohio

Cal. 606—N. J. 374

BLISS CO., E. W.

1375 Raff Rd., S. W.
Canton, Ohio

(See advertisement p. 133)

Ala. 169—Ariz. 88—Cal. 74, 1368—
Colo. 155—Conn. 447—Ga. 58—
Idaho 13—Ill. 149—Ind. 168—
Kan. 127—La. 166, 224—Mich. 216—
Minn. 143—Mo. 103, 355—N. Y. 90,
1275—N. C. 172—Ohio 519, 1179,
1524—Ore. 174—Pa. 463, 812—
Tenn. 163—Tex. 194, 733—Utah 47—
Wash. 274, 363—W. Va. 12—
Canada 319

BLISS CO., E. W.

See Also Die Supply Div.

BLOUNT CO., J. G.

Box 426

Littleton, Mass.

(Contact manufacturer direct)

BLUE M ELECTRIC CO.

138th and Chatham St.

Blue Island, Ill.

Ariz. 25—Cal. 524, 652, 1236, 1327,
1435—Conn. 147—Fla. 78—
Ga. 253—Ill. 37—Ind. 6, 243—
La. 95—Md. 167, 174—Mass. 257,
578—Mich. 391, 660—Minn. 41—
Mo. 76, 788—N. J. 23, 238, 533—
N. Y. 680, 860, 1433—Ohio 265,
555—Pa. 813, 900—Tex. 147—
Utah 104—Wash. 318—W. Va. 71—
Wis. 216—Canada 543, 567, 635

BLUE VALLEY MACHINE & MANUFACTURING CO.

6832 E. Truman Rd.
Kansas City 26, Mo.

Cal. 753, 1285—Ill. 400—Mass. 288—
Pa. 1316—Tex. 112

BODINE CORP., THE

317 Mountain Grove St.
Bridgeport 5, Conn.

Cal. 599, 1469—Conn. 34—Ill. 308—

Ind. 311—Mich. 632—N. Y. 315,
1585—Ohio 383—Pa. 761, 1133—
Canada 478, 518, 640

BOECKELER INSTRUMENT CO.

37 E. Rillito St.

Tucson, Ariz.

Cal. 46, 310, 717, 1102, 1432—
Ga. 301—Ill. 398—La. 64—Mass. 28,
271—Mich. 144—Minn. 113, 288—
Mo. 277—N. J. 62—N. C. 15—
Ohio 134—Pa. 60, 768—Wash. 32,
173

BOGGIS & CO., HENRY P.

706 E. 163rd St.

Cleveland 10, Ohio

Ala. 169—Cal. 258, 597, 631, 753,
1151—Colo. 155—Conn. 302—
Fla. 248—Ill. 402—Ind. 378, 564—
Kan. 100—La. 184, 192—Md. 36—
Mass. 223—Mich. 41, 519, 976—
Minn. 229—Mo. 167, 454—N. J. 379—
N. Y. 164, 306, 451, 617, 1359,
1579—Ohio 197, 648, 709, 819, 1081,
1410, 1622—Okla. 101—Pa. 178,
447, 553, 1004, 1100, 1123, 1133—
Tex. 77, 564—Utah 47—Va. 50, 52—
Wash. 274—Wis. 316, 442—
Canada 321

BOICE-CRANE CO.

930 W. Central Ave.

Toledo 6, Ohio

Ala. 98—Ariz. 88—Cal. 728, 893—
D. C. 8—Fla. 320—Ga. 18, 330,
344—Ill. 75, 276, 467—Ind. 38—
Mass. 210—Mich. 785, 1345—
Minn. 254—Mo. 117, 200, 587—
N. H. 16—N. J. 323—N. M. 61—
N. Y. 65, 658, 714, 1159, 1623—
Ohio 415, 742, 1086—Pa. 440,
984—R. I. 14, 45—Tenn. 43—
Tex. 219, 255, 560, 838—Utah 107—
Wash. 248—Wis. 478—Canada 44,
374

BOICE GAGES CO.

Route 9

Hyde Park, N. Y.

Ariz. 49—Cal. 119, 1144, 1277—
Colo. 38—Conn. 202—Ga. 81—
Ill. 407—Ind. 156—Iowa 18—
Mass. 472—Mich. 296, 933—
Minn. 183—Miss. 23—Mo. 233—
N. M. 47—N. Y. 1590, 1719—
Ohio 432, 877—Pa. 107—Tex. 316—
Utah 24—Wash. 269—Wis. 220,
284—Canada 179

BOKUM TOOL CO., INC.

14775 Wildemere Ave.

Detroit 38, Mich.

Ala. 64—Ariz. 33, 112—Cal. 286, 326,
878—Conn. 386—Del. 11—Ga. 81—
Ill. 514—Ind. 355—Iowa 11—
Md. 36—Mass. 177—Mich. 219, 718,
885—Minn. 49—Mo. 66, 527—
N. J. 201—N. Y. 243, 1387, 1503—
N. C. 26—Ohio 760, 1035, 1280—
Okla. 22—Pa. 154, 604, 955—
Tex. 339, 676—Va. 136—Wis. 332—
Canada 311

BOLLIER-DAMERELL, INC.

See Niagara Cutter Div.

BOND CO., CHARLES

617 Arch St.

Philadelphia 6, Pa.

Cal. 126, 338, 814, 1010, 1035,
1100, 1296, 1487—Colo. 331—
Fla. 159, 248—Ill. 622, 1120, 1163
Iowa 167—Ky. 30—Md. 145—
Mass. 71, 114, 649—Mich. 393, 1012,
1198—Minn. 170, 302—Mo. 83—
Neb. 50—N. J. 242, 396, 455—
N. M. 32—N. Y. 64, 114, 320, 581,
1298, 1505, 1650, 1657—N. C. 148—
Ohio 12, 111, 170, 1117, 1258, 1554,
1608, 1669, 1732—Pa. 464, 847—
Tex. 346, 748—Va. 64—Wash. 94,
388—Wis. 117

BONNEY FORGE & TOOL WORKS

2400 N. Rockhill

Alliance, Ohio

Cal. 232, 343, 988—Colo. 218—
Ga. 172—Ill. 1033—Ind. 15—
Iowa 34—Mass. 96—Mich. 1291—
Minn. 248—Mo. 246—N. J. 30—
N. Y. 390—Ohio 1381—Pa. 121—
Tex. 563—Va. 79—Wash. 118

BONTRAGER CORP.

See Johnson Machine & Press Corp.

BOREL & DUNNER

19313 Farmington Rd.

Livonia, Mich.

Ariz. 46—Cal. 98, 678, 968—
Conn. 106—Ill. 107—Ind. 312—
Mich. 1130—Minn. 189—N. Y. 382—
Ohio 606, 1408, 1410, 1539—Tex. 429

BORG-WARNER CORP.

See Atkins Saw Div.

Rockford Clutch Div.

BOSTITCH

Briggs Dr.

East Greenwich, R. I.

(Contact manufacturer direct)

BOSTON GEAR WORKS

14 Hayward St.

Quincy 71, Mass.

Ala. 117, 189—Ariz. 39—Cal. 331, 496, 872,
1252, 1379, 1400—Colo. 214A—Conn. 49,
212, 437—Del. 13—Fla. 101, 172, 334—
Ga. 43, 234—Ill. 153, 204, 357, 600, 1108,
1164—Ind. 34, 76, 441, 523—Iowa 59, 94—
Ky. 85—La. 147, 192, 233—Md. 33, 69, 540,
683—Mich. 223, 975, 1307, 1378—
Minn. 130, 185—Mo. 103, 355, 540—
Neb. 46—N. J. 62, 401, 459, 544, 567,
627—N. Y. 27, 102, 125, 179, 332, 448, 578,
755, 901, 1124, 1254, 1314, 1465, 1611—
N. C. 96, 181, 267—Ohio 35, 380, 520, 782,
1105, 1651, 1752—Okla. 30, 131—
Ore. 97—Pa. 31, 213, 318, 465, 609, 615,
905, 1097, 1291, 1355—R. I. 62—S. C. 40—
Tenn. 32, 122—Tex. 108, 169, 178, 576,
672, 852—Utah 52—Va. 37, 88, 149—
Wash. 102, 342—W. Va. 11, 49, 439—
Canada 82, 121, 207, 243, 320, 431, 478,
606, 647, 654

BOSTON METALS CO., THE

See Baldt Anchor, Chain & Forge Div.

BOUND BROOK OIL-LESS BEARING CO.

Bound Brook, N. J.

Cal. 341—Minn. 71—Pa. 642—Tex. 103—
Canada 395

BOWEN PRODUCTS CORP.

7 Canal St.

Auburn, N. Y.

(Contact manufacturer direct)

BOWMAN PRODUCTS, INC.

790 Cromwell Ave.

St. Paul 14, Minn.

Cal. 599—Conn. 292—Ill. 294—Mo. 108—
N. Y. 881, 1611—Ohio 403, 1122, 1315—
Pa. 221

BOWSER, INC.

See Briggs Filtration Co.

BOYAR-SCHULTZ CORP.

2000 S. 25th Ave.

Broadview, Ill.

Ariz. 49—Ark. 25—Cal. 369, 1070, 1198—
Colo. 70, 83—Conn. 477—Fla. 171, 182—
Ga. 207—Idaho 13—Ill. 1008, 1189—
Ind. 98, 180, 235, 564—Kan. 77—Ky. 127—
Md. 36—Mich. 2, 221, 901, 1319—
Minn. 113—Mo. 66, 470—Neb. 46—
N. M. 25—N. Y. 306, 426, 762, 1253, 1582—
N. C. 26—Ohio 858, 1224, 1695—Okla. 22,
132—Pa. 178, 510, 553, 604, 1053, 1097, 1123.

1355—Tex. 319, 549—Utah 65—Va. 136—
Wash. 172—Wis. 328, 387

BOYD-WAGNER CO.

1440 W. Lake St.
Chicago 7, Ill.

(Contact manufacturer direct)

BOYE & EMMES MACHINE

TOOL CO., THE

81 Caldwell Dr.
Cincinnati 16, Ohio

Ala. 128—Ariz. 13—Cal. 359, 747—
Colo. 93—Fla. 280, 124—Ill. 1035—
Ind. 378—La. 96—Md. 21—Mass. 574—
Mich. 557, 983—Minn. 109—Mo. 521—
N. J. 624—N. Y. 277, 426—N. C. 172—
Ohio 783, 1140—Okla. 111—Ore. 102—
Pa. 730, 995—Tenn. 67—Tex. 246, 522—
Utah 83—Wash. 275—Wis. 320—
Canada 85, 587

BRAD FOOTE GEAR WORKS, INC.

1309 S. Cicero Ave.
Cicero 60, Ill.

(Contact manufacturer direct)

BRADLEY & SON, C. C.

Div. Harsco Corp.
37 Huntington
Cortland, N. Y.

(Contact manufacturer direct)

BRADLEY MACHINERY SALES CO., INC.

4400 Conner Ave.
Detroit 15, Mich.

(Contact manufacturer direct)

BRADY CO., W. H.

727 W. Glendale Ave.
Milwaukee 9, Wis.

Cal. 371—Ga. 47—Ill. 156—Mass. 556—
Mich. 835—Mo. 604—N. J. 318—
N. Y. 190—Ohio 176, 523—Pa. 460—
Canada 489

BRAEBURN ALLOY STEEL CORP.

Braeburn, Pa.

Cal. 372—Conn. 264—Fla. 225—Ill. 157—
Ind. 172—Mass. 648—Mich. 836—
N. Y. 764, 1277—Ohio 177, 524—Wis. 134

BRANDES PRESS CO., THE

6408 Euclid Ave.
Cleveland 3, Ohio

Cal. 753—Fla. 23—Ill. 444—Ind. 440—
Mich. 1016—Minn. 298—Mo. 470—
N. Y. 1065, 1606—Ohio 937, 1146—
Pa. 1102—Wis. 218—Canada 195

BRANSON INSTRUMENTS, INC.

Branson and Ultrasonic Corp.
37 Brown House Rd.
Stamford, Conn.

(See advertisement p. 317)

Cal. 1396, 1496—Colo. 260—Conn. 67—
D. C. 63—Ga. 100—Ill. 630—Ky. 104—
Mass. 33—Mich. 197—Minn. 99—
Mo. 411—N. J. 24, 214, 271—N. Y. 1378,
1462—N. C. 68—Ohio 370—Okla. 91—
Pa. 936—Tex. 565—Utah 81—Canada 7,
65, 262, 359, 560

BRAUN GEAR CO.

239 Richmond St.
Brooklyn 8, N. Y.

(Contact manufacturer direct)

BREMIL MANUFACTURING CO.

1020 Holland St.
Erie, Pa.

(Contact manufacturer direct)

BRENNEN, BUCCI & WEBER, INC.

262 Mott St.
New York 12, N. Y.
Cal. 305, 1283—Conn. 406, 438—Fla. 130—
Ga. 5, 112, 249—Ill. 336, 455, 852, 1115—
Ind. 370—La. 220—Me. 29—Md. 49—
Mass. 269, 272, 306, 483, 370—Mo. 35,
624—N. J. 28, 338—N. M. 5, 64—N. Y. 81,
83, 84, 107, 133, 146, 150, 202, 436, 522,
536, 541, 631, 682, 696, 1016, 1181 1215

1248 1605, 1674—N. C. 155, 182—
Ohio 106, 1147—Pa. 434, 550—R. I. 57—
S. C. 39—S. D. 6—Tenn. 162—Tex. 824—
Wyom. 7

BREUER ELECTRIC MANUFACTURING CO.

5100 N. Ravenswood Ave.
Chicago 40, Ill.

Cal. 1441—Ill. 338—Md. 199—Minn. 280—
N. J. 437—N. Y. 1099—Ohio 1297—
Tex. 240

BRIDGEPORT BRASS CO.

30 Grand St.
Bridgeport 2, Conn.

Cal. 375, 1056, 1145—Colo. 34—
Conn. 379—D. C. 15—Fla. 230, 303—
Ga. 48—Ill. 160, 1149—Ind. 175—
Kan. 70—Ky. 36—La. 8—Mass. 61—
Mich. 232, 924—Minn. 60, 279—
Miss. 33—Mo. 68, 326—N. H. 8—
N. J. 196—N. Y. 191, 579, 1279, 1507—
N. C. 160—Ohio 9, 178, 526, 1183—
Okla. 68—Pa. 473, 816—R. I. 32—
Tenn. 126—Tex. 111, 515—Va. 71—
Wash. 70—Wis. 136—Canada 23, 75, 240,
414, 591

BIGGS FILTRATION CO.

Subsidiary of Bowser, Inc.

River Rd.
Washington 16, D. C.

Cal. 238, 368, 1141—D. C. 84—Fla. 20—
Ga. 44—Idaho 26—Ill. 1296—Ind. 66,
176—Kan. 14—Ky. 139—La. 156—
Mass. 623—Mich. 233—Minn. 178—
Mo. 67—N. Y. 192, 761—Ohio 527—
Okla. 123—Pa. 275, 817—Tenn. 149—
Tex. 110, 392, 516—Va. 45—Wash. 67,
344—W. Va. 29—Wis. 295

BRIGHTBOY INDUSTRIAL DIV.

See Weldon Roberts Rubber Co.

BRITNEY MANUFACTURING CO.

Subsidiary of Goddard & Goddard Co.
1165 Seba Rd. (P. O. Box 208)
Pontiac, Mich.

Cal. 250—Conn. 431—Fla. 5—Ill. 1214—
Ind. 211, 578—Kan. 100—Mich. 347, 653,
889—Minn. 288—Mo. 454—N. Y. 397,
468, 982—N. C. 191—Ohio 218, 668—
Okla. 104—Pa. 1265—R. I. 84—Tex. 549—
Utah 26—Canada 478, 518, 640

BRISTOL BRASS CORP.

589 Broad St.
Bristol, Conn.

Ill. 834—Mass. 62—Mich. 53—N. Y. 193,
766, 1280, 1508—Ohio 530, 1184—Pa. 818,
1224

BRISTOL CO., THE

P. O. Box 1790 SDI
Waterbury 20, Conn.

Ala. 33—Cal. 378, 1146—Ga. 49—
Ill. 163—Ind. 177—Mass. 63—Mich. 234—
Mo. 327—N. J. 319—Ohio 531—Pa. 475,
819

BRITISH INDUSTRIES CORP.

See British Machines & Foundry
Supplies, Ltd.

DCMT Sales Corp.

BRITISH MACHINES & FOUNDRY

SUPPLIES LTD.

Div. of British Industries Corp.
80 Shore Rd.

Port Washington, L. I., N. Y.
Cal. 727—Ga. 62—Ill. 1031—Ind. 267,
543—Mass. 215—Mich. 983—Minn. 229—
Mo. 606—N. J. 443—Pa. 58, 603

BROOKFIELD, INC.

240 Cushing St.
Stoughton, Mass.

Ariz. 33—Cal. 204—Colo. 59, 83—
Fla. 182—Ga. 42—Ill. 666—Ind. 207—
Iowa 18—Kan. 118—Mass. 395—
Mich. 1190—Minn. 167—Mo. 295—
N. Y. 724, 1312—N. C. 114—Ohio 623,

1224—Ore. 113—Pa. 575, 934—Tex. 475,
549—Wis. 190—Canada 464

BROOKS & PERKINS, INC.

1950 W. Fort St.
Detroit 16, Mich.

Cal. 422—D. C. 16—Mich. 236—N. Y. 768

BROWN-BROCKMEYER CO., THE

1000 S. Smithville Rd., P. O. Box 989
Dayton 1, Ohio

(Contact manufacturer direct)

BROWN CO., R. F.

140 High St.
Waltham 54, Mass.

(Contact manufacturer direct)

BROWN ENGINEERING CO.

123 N. Third St.
Reading, Pa.

(Contact manufacturer direct)

BROWN & SHARPE MANUFACTURING CO.

Cutting Tool Div.

235 Promenade St.
Providence 1, R. I.

(See advertisement p. 27)

Ala. 169—Ariz. 33, 108—Ark. 25—
Cal. 326, 381, 491, 650, 761, 848, 930, 1030,
1033, 1034, 1070, 1205, 1252, 1399,
1452 1469, 1470, 1476—Colo. 63, 93, 107—
Conn. 32, 93, 217, 246, 263, 271, 285, 296,
434, 471, 476—Del. 11, 12—D. C. 88, 92—
Fla. 71, 92, 166, 168, 240, 251, 304, 311—
Ga. 78, 108, 119, 181, 193, 219, 333—Ill. 8,
15, 22, 337, 387, 441, 442, 493, 553, 583 585
607 666, 852, 879, 932, 1095, 1129, 1158,
1196 1256, 1265, 1270—Ind. 44, 76, 136,
441, 573—Iowa 21, 56, 57, 99, 161, 164—
Kan. 54, 79—Ky. 98, 140—La. 19, 98, 101,
198, 217—Me. 25—Md. 25, 33, 181, 196—
Mass. 17, 69, 71, 243, 309, 310, 347, 352,
378, 510, 535, 538, 560, 621, 637, 680 696—
Mich. 25, 30, 184, 223, 393, 714, 844, 865,
870, 910, 959, 1084, 1096, 1126, 1163, 1184,
1198 1248, 1257, 1307, 1319—Minn. 11,
183, 243, 290—Miss. 41—Mo. 2, 103, 108,
157, 355, 568—Neb. 32, 46—N. J. 47, 49,
228, 277, 362, 401, 457, 468, 491, 568, 580,
583, 627—N. M. 25—N. Y. 72, 95, 114, 125,
157, 179, 258, 314, 446, 492, 530, 531, 581,
596, 598, 613, 654, 670, 684 772, 883 896
901, 954, 969, 1010, 1012, 1025, 1029, 1042,
1242, 1291, 1367, 1450, 1452, 1502, 1511,
1643, 1648, 1654, 1656, 1658, 1723—
N. C. 38, 76, 137, 149, 181, 183, 186, 196,
203, 236, 247, 260, 267—Ohio 28, 109, 400,
534, 576, 801, 854, 946, 1127, 1128, 1202,
1263, 1432, 1451, 1526, 1557, 1583, 1587,
1674, 1743—Okla. 1, 30, 38, 131—Ore. 71,
153, 193—Pa. 31, 69, 176, 218, 252, 311,
326, 373, 389, 418, 466, 489, 707, 720, 744
821, 847, 1027, 1101, 1189, 1205, 1304,
1355—R. I. 10, 23, 31, 48, 53, 67, 70,
72, 73, 74, 78—S. C. 4, 5, 13, 33, 54 68
77—Tenn. 27, 32, 43, 70, 177, 248, 267—
Tex. 4, 112, 142, 355, 468, 683, 747—
Utah 2, 47, 84—Va. 14, 22, 23, 48, 52, 97,
112, 136, 149—Wash. 235, 261, 350—
W. Va. 12, 77—Wis. 306, 355, 405, 469

BROWN & SHARPE

MANUFACTURING CO.

Double A Products Co. Subsidiary
Manchester, Mich.

Ala. 48—Cal. 381, 927, 1461—Colo. 15—
Ill. 22, 614, 1143—Ind. 475—Kan. 64—
Ky. 126—La. 197—Md. 188—Mass. 17,
366—Mich. 360—Minn. 211—Mo. 57,
476—N. J. 263, 555, 583—N. Y. 306, 917—
N. C. 84—Ohio 534, 746, 1314—Pa. 1140—
S. C. 8—Va. 72—Wash. 250—Wis. 297—
Canada 38, 464

BROWN & SHARPE

MANUFACTURING CO.

Hydraulics Div.

235 Promenade St.
Providence 1, R. I.

Ala. 169, 48—Ariz. 33, 108—Ark. 25—
Cal. 326, 381, 491, 650, 761, 848, 930, 1030,
1033, 1034, 1070, 1205, 1252, 1399, 1452,
1461 1469, 1470, 1476—Colo. 15, 63, 93,

MANUFACTURERS

BROWN & SHARPE MFR. CO. (cont.)

107—Conn. 32, 93, 217, 246, 263, 271, 285, 296, 434, 471, 476—Del. 11, 12—D. C. 88, 92—Fla. 3, 71, 92, 156, 168, 240, 251, 304, 311—Ga. 78, 108, 119, 181, 193, 219, 233—Ill. 8, 15, 22, 337, 387, 441, 442, 490, 553, 583, 585, 607, 614, 666, 852, 879, 932, 1095, 1129, 1143, 1158, 1196, 1256, 1265, 1270—Ind. 44, 76, 136, 441, 475, 573—
Iowa 21, 56, 57, 99, 161, 164—Kan. 54, 78—Ky. 96, 126, 140—La. 19, 98, 101, 198, 217—Me. 25—Md. 25, 33, 137, 181, 196—Mass. 17, 69, 71, 243, 309, 310, 347, 352, 366, 378, 510, 535, 538, 560, 621, 637, 660, 696—Mich. 25, 30, 184, 223, 360, 393, 714, 844, 865, 870, 910, 959, 1084, 1096, 1126, 1163, 1198, 1248, 1257, 1307, 1319—
Minn. 11, 183, 211, 243, 290—Miss. 41—Mo. 2, 163, 108, 157, 355, 568—Neb. 32, 46—N. J. 47, 49, 228, 263, 277, 362, 401, 457, 468, 568, 580, 583, 627—N. M. 25—N. Y. 72, 79, 95, 114, 125, 179, 258, 314, 446, 492, 530, 531, 581, 596, 598, 613, 654, 670, 684, 772, 883, 896, 901, 954, 969, 1010, 1012, 1025, 1029, 1242, 1291, 1387, 1450, 1452, 1502, 1511, 1643, 1648, 1654, 1658, 1697, 1723—N. C. 38, 76, 84, 137, 149, 181, 183, 186, 196, 203, 236, 247, 260, 267—
Ohio 28, 109, 400, 534, 676, 746, 854, 946, 1127, 1128, 1202, 1263, 1314, 1432, 1451, 1526, 1557, 1583, 1587, 1674, 1743—
Okla. 1, 30, 38, 131—Ore. 71, 153, 193—Pa. 31, 69, 157, 176, 218, 252, 311, 326, 373, 389, 418, 466, 489, 707, 720, 744, 821, 847, 1027, 1101, 1189, 1205, 1304, 1355—
R. I. 10, 23, 31, 48, 53, 67, 70, 72, 73, 74, 78—S. C. 4, 5, 8, 13, 33, 54, 68, 77—
Tenn. 27, 32, 43, 70, 177, 248, 267—Tex. 4, 53, 112, 142, 355, 468, 683, 747—Utah 2, 84—
Va. 14, 22, 23, 48, 52, 97, 112, 136, 149—
Wash. 235, 250, 261, 350—W. Va. 12, 77—
Wis. 297, 306, 355, 405, 459—Canada 464

BROWN & SHARPE MANUFACTURING CO. Industrial Products Div.

(See advertisement p. 62)

235 Promenade St.
Providence 1, R. I.
Ala. 169—Ariz. 33, 106—Ark. 25—
Cal. 381, 492, 650, 761, 848, 930, 1030, 1033, 1034, 1070, 1205, 1252, 1390, 1452, 1469, 1470, 1476—Colo. 63, 93, 107—Conn. 32, 93, 217, 246, 263, 271, 285, 296, 434, 471, 476—Del. 11, 12—D. C. 88, 92—Fla. 3, 71, 92, 156, 168, 240, 251, 304, 311—
Ga. 108, 119, 181, 193, 219, 333—Ill. 8, 15, 22, 337, 387, 441, 442, 493, 553, 583, 585, 607, 666, 852, 879, 932, 1095, 1129, 1158, 1196, 1256, 1265, 1270—Ind. 44, 76, 136, 441, 573—Iowa 21, 56, 57, 99, 161, 164—
Kan. 54, 78—Ky. 96, 126, 140—La. 19, 98, 101, 198, 217—Me. 25—Md. 25, 33, 137, 181, 196—
Mass. 17, 69, 71, 243, 309, 310, 347, 352, 378, 510, 535, 538, 560, 621, 637, 680, 696—
Mich. 25, 30, 184, 223, 393, 714, 844, 865, 870, 910, 959, 1084, 1096, 1126, 1163, 1198, 1248, 1257, 1307, 1319—Minn. 11, 183, 243, 290—
Miss. 41—Mo. 2, 103, 108, 157, 355, 568—Neb. 32, 46—N. J. 47, 49, 228, 277, 362, 401, 457, 468, 568, 580, 583, 627, 531—
N. M. 25—N. Y. 72, 95, 114, 125, 179, 258, 314, 446, 492, 530, 581, 596, 598, 613, 654, 670, 684, 772, 883, 896, 901, 954, 969, 1010, 1012, 1025, 1029, 1242, 1291, 1387, 1451, 1452, 1502, 1511, 1643, 1648, 1654, 1658, 1697, 1723—N. C. 38, 76, 137, 149, 181, 183, 186, 196, 203, 236, 260, 267—Ohio 28, 109, 400, 534, 576, 854, 946, 1127, 1128, 1202, 1263, 1432, 1451, 1526, 1559, 1583, 1587, 1674, 1743—
Okla. 1, 30, 38, 131—Ore. 71, 153, 193—Pa. 31, 69, 157, 176, 218, 252, 311, 326, 373, 418, 466, 489, 707, 720, 744, 821, 847, 1026, 1189, 1205, 1304, 1355—
R. I. 10, 23, 31, 48, 53, 67, 70, 72, 73, 74, 78—S. C. 4, 5, 13, 33, 54, 68, 77—Tenn. 27, 32, 43, 70, 248, 267—Tex. 4, 112, 142, 355, 468, 683, 747—Utah 2, 84, 22, 23, 48, 52, 97, 112, 136, 149—Wash. 235, 250, 261, 350—W. Va. 12, 77—Wis. 306, 355, 405, 429

BROWN & SHARPE MANUFACTURING CO. Machine Tool Div. 235 Promenade St. Providence 1, R. I. Ala. 124—Ariz. 33—Cal. 381, 1469—

Colo. 63—Fla. 304—Ga. 242—Ill. 22—
La. 98, 216, 217—Md. 33—Mass. 17—
Mich. 238, 965—Minn. 183—Mo. 108, 355—
N. J. 583—N. Y. 1283—N. C. 138—
Ohio 523—Okla. 131—Ore. 153—Pa. 821—
Tex. 112, 747—Va. 52—Wash. 235

BROWN & SHARPE MANUFACTURING CO. Turret Drilling Div., Inc., subsidiary 20 Fitch St. East Norwalk, Conn.

Ala. 124—Ariz. 33—Cal. 281, 1469—
Colo. 63—Fla. 304—Ill. 22—La. 98, 217—
Md. 33—Mass. 17—Mich. 238—
Minn. 183—Mo. 108, 355—N. J. 583—
N. Y. 1283—N. C. 138—Ohio 534—
Okla. 131—Ore. 153—Pa. 821—Tex. 112, 747—Utah 47—Va. 52—Wash. 235

BROWN & SHARPE MANUFACTURING CO. See Also Nelco Tool Co., Inc.

BROWN TOOL MANUFACTURING CO. See Solar Co.

BRUBAKER TOOL CORP. Box 230 Millersburg, Pa. Cal. 657—N. Y. 774

BRUBAKER TOOL CORP. See Also Morton Machine Works

BRUNING CO., CHARLES 1800 W. Central Ave. Mt. Prospect, Ill. (Contact manufacturer direct)

BRUNNER & LAY, INC. 9300 King St. Franklin Park, Ill. Ala. 30—Cal. 384, 1009—Colo. 36— Ill. 911—N. M. 14—N. C. 2—Ore. 57— Pa. 478—Tex. 116—Wash. 74—Canada 521

BRUSH BERYLLIUM CO., THE Pennroid Div. 501 Crescent Ave. Reading, Pa. Conn. 372, 381—Ill. 914—Mich. 610— Mo. 332—N. J. 621—N. C. 161— Ohio 536—Pa. 62, 1176

BRUSH INSTRUMENTS (Div. of Clevite Corp.) 37th and Perkins Cleveland 14, Ohio Cal. 491, 385, 717, 922, 996, 1265— Colo. 70—Fla. 62—Ga. 81—Ill. 488, 1216— Ind. 295—Kan. 100—Ky. 127—La. 217— Mass. 69, 219, 401, 621—Mich. 18, 184, 865, 1295, 1310—Minn. 242—Mo. 145, 323— N. Y. 76, 240, 724, 1330, 1465, 1611, 1665—N. C. 175—Ohio 48, 109, 302, 576, 1091, 1259, 1583—Okla. 101—Pa. 664, 905—R. I. 84—Tenn. 124—Tex. 168, 564— Va. 7—Wash. 75, 269—Wis. 220— Canada 98, 226, 476, 516, 638

BRYANT CHUCKING GRINDER CO. 257 Clinton St. Springfield, Va. Ala. 137—Cal. 509, 1151—Colo. 125— D. C. 32—Fla. 315—Ill. 889, 991, 1096— Ind. 182, 534—Ky. 55—La. 112, 214— Mich. 355, 859, 944—Minn. 275—Mo. 319— N. J. 530—N. Y. 235, 664, 1307, 1454— Ohio 232, 629, 1428, 1633—Pa. 890, 1263— Tenn. 34—Tex. 207, 590—Utah 101— Vt. 13—Va. 113—Wash. 274—Wis. 196

BRYANT-FEDERAL MACHINERY CO. 4639 Washington Blvd. Chicago 44, Ill. Cal. 417, 878—Ind. 267—Mass. 480— Mich. 837—N. Y. 357, 452—Ohio 400, 1018, 1695—Pa. 156, 738

BUCK MANUFACTURING CO. 1355 N. Tenth St. San Jose, Cal. Cal. 1369, 1523—Colo. 129—Ga. 297— Kan. 38—Mich. 1284—N. Y. 1171— Pa. 223—Tex. 109—Wash. 146— Canada 84, 478, 640, 651, 667

BUCK TOOL CO. 2015 Schippers La. Kalamazoo, Mich. (See advertisement p. 318) Cal. 757—Colo. 25—Ill. 1074—Md. 132— Mich. 1113—N. H. 20

BUCKEYE TOOLS CORP. 5005 Springboro Pike, P. O. Box 966 Dayton 1, Ohio Ariz. 24—Cal. 210, 286, 1239—Colo. 225— Fla. 191—Ill. 445—Ind. 48, 122, 580— Kan. 101—Ky. 24—La. 172—Mass. 224— Mich. 239, 615—Minn. 37—Mo. 152, 368— N. J. 185—N. M. 31—N. Y. 159—Ohio 470, 1185, 1479, 1670—Okla. 94—Ore. 141— Pa. 479, 952—R. I. 80—Tenn. 249— Tex. 339, 603—Va. 56, 139—Wash. 222— Wis. 164—Canada 8, 67, 115, 136, 142, 145, 173, 178, 197, 231, 293, 393, 568, 580

BUFFALO FORCE CO. 490 Broadway Buffalo 5, N. Y. Cal. 386—Conn. 448—Ill. 168—N. Y. 777— Pa. 1279—Tex. 117—Wash. 77

BUFFALO HYDRAULICS DIV. See Houdaille Industries, Inc.

BUFFALO MACHINERY CO., INC. 833-841 Grant St. Buffalo 13, Ohio (Contact manufacturer direct)

BUFFALO METAL CONTAINER CORP. 35 Roetzner St. Buffalo 11, N. Y. (Contact manufacturer direct)

BUHR MACHINE TOOL CO. 839 Green St. Ann Arbor, Mich. Ala. 153—Cal. 536, 1151—Conn. 464— Ill. 462—Ind. 307—Kan. 78—Mass. 289— Mich. 1203—Mo. 103, 470—Neb. 42— N. Y. 656—Ohio 254, 1225—Pa. 110— Tex. 590—Wis. 276—Canada 440

BULLARD CO., THE 286 Canfield Ave. Bridgeport 2, Conn. (See advertisement p. 2) Ala. 101—Cal. 466, 1207—Colo. 155— Conn. 36—Fla. 248—Ga. 58—Ill. 983, 1036—Ind. 184, 528—La. 166, 224— Mass. 582—Mich. 241, 715—Minn. 275— Mo. 226, 548—Neb. 32—N. Y. 1509— N. C. 89—Ohio 184, 537—Okla. 161— Ore. 79—Pa. 822—Tex. 248, 277, 697— Utah 47—Wash. 107—Wis. 138

BULTOOL CO. 10206 Grinnell Detroit 13, Mich. Fla. 317—Ind. 423—Mich. 373, 401, 1319, 1361—Mo. 470—N. J. 448—Ohio 423— Okla. 111—Tex. 553—Wash. 76

BUNTING BRASS AND BRONZE CO., THE 715 Spencer St. Toledo 1, Ohio Cal. 388, 1152—Ga. 51—Ill. 109— Mass. 239—Mich. 243—Mo. 70, 333— N. Y. 1711—Pa. 482—Tex. 118

BUOL MACHINE CO., THE Park at Meadow St. New Britain, Conn. Conn. 136, 138—Mass. 448, 534—N. J. 75— N. Y. 415, 1694

BURGMASER CORP.

13226 S. Figueroa St., P. O. Box 311
Gardena, Cal.
Ala. 112—Ariz. 88, 112—Ark. 25—
Cal. 45, 81, 122, 326, 606, 704, 914, 966,
1044, 1070, 1252, 1372—Conn. 155—
Conn. 284, 342—D. C. 30—Fla. 280—
Ga. 18, 289—Idaho 13—Ill. 205, 233, 382,
441, 607, 1038, 1168—Ind. 52, 267, 273, 295,
564, 573—Iowa 105—Kan. 45, 77, 86—
Mass. 233, 344, 646—Mich. 237, 714, 774,
839, 865, 1100, 1203, 1281—Minn. 85—
Mo. 30, 127, 545—Neb. 32—N. J. 47, 201,
246, 395—N. M. 25—N. Y. 342, 496, 609,
647, 658, 684, 1218, 1242, 1622—N. C. 26—
Ohio 302, 648, 666, 927, 1091, 1217, 1280,
1454—Okla. 131—Pa. 11, 176, 510, 1296,
1355—R. I. 74—Tex. 254, 271, 747—
Va. 145—Wash. 107—Wis. 244—
Canada 312

BURG TOOL MANUFACTURING CO., INC.

15001 S. Figueroa St.
Gardena, Cal.
Ala. 102—Ariz. 88—Ark. 25—Cal. 45, 626,
1044—Colo. 155—Ill. 170—Ind. 201—
Kan. 86—Ky. 84—Mich. 244—Minn. 86—
Mo. 30, 127, 545—Neb. 32—N. J. 498—
N. M. 25—N. Y. 993—Ohio 538—
Okla. 131—Ore. 153—Tex. 202, 747—
Utah 100—Wash. 107—Wis. 244—
Canada 312

BURKLYN CO.

3429 Glendale Blvd.
Los Angeles 39, Cal.
Ariz. 112—Cal. 76, 209, 345, 606, 797, 807,
835, 910—Colo. 178—Conn. 353—
Ga. 181—Idaho 12—Ill. 514, 868—
Ind. 126—Iowa 93, 162—Mich. 802—
Minn. 103—Mo. 43—N. Y. 903, 1318, 1359,
1623—N. C. 270—Ohio 866, 1107, 1306,
1410, 1611—Okla. 131—Ore. 119—Pa. 124,
1149—R. I. 22—Tex. 344—Wash. 54, 269—
Wis. 376—Canada 165

BURR & SON, INC., JOHN T.

429 Kent Ave.
Brooklyn 11, N. Y.
(Contact manufacturer direct)

BUSH CO., J. C.

158 S. Barclay St.
Milwaukee 4, Wis.
Ill. 396—Minn. 180—N. Y. 153

BUSCHMAN CO., E. W.

Winton Pl. Station W.
Cincinnati 32, Ohio
Cal. 6—Ga. 215—Ill. 106—Ind. 85, 189,
482—Ky. 80—Mich. 177, 912—N. Y. 820—
Ohio 874, 1191—Pa. 573, 1332

BUSHINGS, INC.

4358 Coolidge Hwy., P. O. Box 189
Royal Oak, Mich.
Ala. 111—Cal. 236, 1130—Conn. 68, 219,
307, 433—Fla. 100, 189—Ga. 173—Ill. 137,
906—Ind. 13, 64, 161, 486—Ky. 76—
La. 10, 99—Md. 116—Mass. 193, 685—
Minn. 19—N. J. 403, 423, 571—N. Y. 37,
75, 354, 448, 538, 605, 1117, 1184, 1246,
1412, 1609, 1664—N. C. 97—Ohio 7, 89,
162, 510, 1053, 1175, 1424, 1575, 1730,
1761—Pa. 161, 642, 801—Tenn. 14, 73,
235—Va. 98—Wis. 112, 439

BUSHINGS, INC.

1701 Lehigh Ave.
Philadelphia 32, Pa.
(Contact manufacturer direct)

BUSS MACHINE WORKS, INC.

208 W. Eighth St.
Holland, Mich.
(Contact manufacturer direct)

— C —

CABOT, INC., SAMUEL

141 Milk St.
Boston 9, Mass.
Ark. 2—Cal. 260, 1099, 1172—Conn. 49,
296—Ga. 193—Ill. 502, 966—Ind. 136—
Ky. 65—Me. 25—Md. 25—Mass. 58, 153,

312, 371, 460, 542, 660—Mich. 26, 393, 714,
1111—Mo. 409, 540—N. H. 16—N. J. 56,
349, 456, 477—N. Y. 27, 179, 357, 492, 1077,
1180, 1278, 1648—N. C. 181—Ohio 302,
576, 1753—Ore. 90, 97—Pa. 213, 489, 1061,
1124—R. I. 10—S. C. 40—Tenn. 32—
Tex. 767—Va. 48—Wash. 86—W. Va. 11,
37—Wis. 168—Canada 221

CADILLAC GAGE CO.

P. O. Box 3806
Detroit 5, Mich.
(See advertisement p. 219)

Ala. 137—Ariz. 26, 108—Cal. 116, 1070,
1198—Colo. 125—Conn. 116—Fla. 315—
Ill. 174—Ky. 55—La. 88—Mass. 626—
Mich. 246—Minn. 180—N. J. 530—
N. Y. 1341—Ohio 697—Pa. 890, 1263—
Tex. 115, 520—Utah 74—Canada 237

CADILLAC STAMP CO.

17315 Ryan Rd.
Detroit 12, Mich.
Cal. 106, 1199—Fla. 5—Ill. 663—Ind. 7—
Kan. 100—Mich. 860—Minn. 180—Mo. 167,
454—N. Y. 568—Ohio 484—Okla. 22, 104—
Pa. 296—Tex. 549—Wis. 368—Canada 482

CADMET CORP.

P. O. Box 4631, Mt. Elliot St.
Detroit 34, Mich.
Conn. 460—Ind. 236—N. Y. 1350—
Ohio 1242—Pa. 635, 955—Tenn. 216—
Tex. 150—Wis. 164

CAMDALE PRECISION, INC.

28300 Groesbeck Hwy.
Roseville, Mich.
(Contact manufacturer direct)

CAMMANN MANUFACTURING CO., INC., THE

2700 Henninger Rd.
Cleveland 9, Ohio

CAMPBELL CONTOUR ATTACHMENT CO., INC.

1320 W. Esther St.
Long Beach 13, Cal.
Ariz. 10—Cal. 606, 794, 1001, 1405, 1469

CANTON TOOL

MANUFACTURING CO., THE
P. O. Box 1635, Pekin Rd.
East Canton, Ohio
Cal. 523—Ill. 1031—Mass. 21—Mich. 983—
Minn. 288—N. Y. 609—Ohio 1280—
Pa. 1004—Tenn. 45—Wis. 320

CAPEWELL MANUFACTURING CO., THE

60 Governor St.
Hartford 2, Conn.
Cal. 397, 1160—Conn. 90—Ill. 176

CAPITAL REPRODUCTIONS INC.

835 Holden Ave.
Detroit 2, Mich.
(Contact manufacturer direct)

CARBIDE TOOLS, INC.

4005 Brookpark Rd.
Cleveland 34, Ohio

CARBIDIE, INC.

27 Hillview Ave.
Latrobe, Pa.
Mich. 45—Ohio 545

CARBORUNDUM CO., THE

Niagara Falls, N. Y.
Cal. 399, 847—Ga. 272—Ill. 178—
Mass. 617—Mich. 249—Mo. 336—
N. J. 216—N. Y. 1179—Ohio 542—
Pa. 100, 827

CARBORUNDUM CO., THE

Curtis Machine Div.
P. O. Box 338
Niagara Falls, N. Y.
(Contact manufacturer direct)

CARBORUNDUM CO., THE

See Also Stupalex Div.

CARD DIV., S. W.

Union Twist Drill Co.
170 Rumford Ave.
Mansfield, Mass.
Cal. 44, 109, 400, 1161, 1504—Conn. 417—
Ga. 136—Ill. 179, 754, 1080—Mich. 250,
999, 1249—Mo. 479—N. J. 118—N. Y. 665,
780—Ohio 1407, 1488—Pa. 141—Tex. 464—
Wash. 198—Wis. 473

CARDINAL MACHINE CO.

1819 Dana St.
Glendale 1, Cal.
Ala. 169—Ariz. 39—Cal. 168, 214, 326,
457, 496, 600, 687, 1017, 1069, 1098, 1205,
1252, 1384, 1400, 1490—Colo. 75, 142—
Conn. 331—Fla. 182—Ill. 8, 69, 120, 357,
502, 1011, 1089, 1183, 1199, 1256—Ind. 70,
98, 102, 136, 261, 441, 466, 473, 518, 531,
573—Iowa 56, 105—Kan. 78—Mass. 69,
310, 540, 649—Mich. 774, 844, 845, 977,
1214—Minn. 312—Mo. 163, 106, 127, 355,
469, 505—Neb. 32, 42—N. J. 40, 121, 207,
313, 456, 574—N. M. 42—N. Y. 306, 531,
539, 567, 684, 901, 954, 1387—Ohio 93, 109,
302, 854, 946, 1015, 1127, 1202, 1363, 1587,
1628—Okla. 22, 32, 122, 131—Ore. 67, 97,
131—Pa. 31, 650, 847, 1101, 1287—
R. I. 49—Tex. 112, 169, 517, 686, 747—
Utah 52, 84—Va. 66, 145—Wash. 86, 102—
Wis. 120, 374

CARGILL DETROIT CORP.

2254 Cole
Birmingham, Mich.
(Contact manufacturer direct)

CARLTON MACHINE TOOL CO., THE

2961 Meeker St.
Cincinnati 25, Ohio
Ala. 101, 209—Cal. 58, 503, 1380—
Colo. 105—Fla. 248—Ga. 242—Ill. 308—
Ind. 282—Kan. 80—Ky. 58—La. 30, 192,
231—Mass. 185—Mich. 557, 983—
Minn. 275—Miss. 29—Mo. 108, 355—
Neb. 32—N. Y. 222, 656, 1395, 1585—
N. C. 137—Ohio 254, 1018, 1079, 1225,
1604—Okla. 132—Ore. 79—Pa. 484, 798—
Tenn. 49, 216—Tex. 194, 717—Utah 47—
Va. 52—Wash. 143—Canada 182, 311, 492,
532

CARNEY-STANSFIELD CO.

270 E. Hamilton St.
Allentown, Pa.
(See advertisement p. 63)
N. Y. 240, 1585—N. C. 26

CARPENTER STEEL CO., THE

154 W. Bern St.
Reading, Pa.
Ala. 49—Ariz. 49—Cal. 43, 123, 149, 402,
465—Colo. 65—Conn. 37, 172—Fla. 55—
Ga. 54—Ill. 967—Ind. 52, 187—Iowa 124—
Kan. 80—Ky. 117—La. 182, 228—
Mass. 230, 641—Mich. 254, 953, 1075—
Minn. 113—Miss. 14—Mo. 108, 338—
N. J. 296—N. Y. 204, 782, 1515, 1712—
Ohio 187, 546, 1187—Ore. 11, 77—Pa. 227,
831—R. I. 33—Tenn. 148, 233—Tex. 49,
524, 716, 825—Wash. 88, 121, 332—
Wis. 141

CARRIER CORP.

Carrier Pkwy.
Syracuse 1, N. Y.
Ariz. 22—Cal. 404, 1163—Colo. 39—
Conn. 173—D. C. 19—Fla. 72, 158—
Ga. 55—Ill. 182—Ind. 188—Iowa 45—
Kan. 73—La. 81—Md. 34—Mass. 65—
Mich. 111, 1148—Minn. 62—Mo. 73,
340—Neb. 21—N. J. 66—N. M. 18—
N. Y. 428, 783, 1289—N. C. 34—Ohio 188,
547, 1059—Okla. 15—Pa. 487, 832—
Tenn. 128—Tex. 123, 525, 839—Utah 27—
Va. 73—Wash. 89—Wis. 142—Canada 4,
332, 545

MANUFACTURERS

CARR-LANE MANUFACTURING CO.

4200 Krause Ct.
St. Louis 19, Mo.

(See advertisement p. 18)

Cal. 49, 286, 717—Conn. 107—Conn. 4,
501—Ill. 166—Ind. 250—Iowa 72—
Kan. 2, 74—Md. 78, 61—Mass. 310, 620,
672—Mich. 337, 1214—Mo. 31, 66, 295,
339, 531—N. J. 44, 395—N. Y. 443, 802—
Ohio 879, 1296—Okla. 122—Pa. 683—
Tenn. 216, 269—Tex. 338—Wash. 54—
Wis. 315—Canada 339

CARROLL & SHIPLEY, INC.

729 W. 12th St.
Anderson, Ind.

Cal. 425, 914, 1092—Ill. 856—Ind. 235—
Ohio 1280—Pa. 787—Wis. 368—
Canada 446

CARROLL DIVIDING HEAD CO., THE

3525 Cardiff Ave.
Cincinnati 9, Ohio

(Contact manufacturer direct)

CARROLL-JAMIESON MACHINE

TOOL CO., THE
77 Foundry Ave.
Batavia, Ohio

(Contact manufacturer direct)

CARROLL PRESSED METAL, INC.

133 Dewey St.
Worcester 10, Mass.

(Contact manufacturer direct)

CARTER CONTROLS, INC.

2800 Bernice Rd.
Lansing, Ill.

Ala. 71—Cal. 77, 85—Fla. 145—Ill. 950—
Ind. 346—Ky. 43—Md. 87—Mass. 90—
Mich. 255, 1122—Minn. 273—Miss. 27—
Mo. 391—N. J. 399—N. Y. 1392—
Ohio 329, 609—Ore. 52—Pa. 442, 806—
S. C. 61—Tex. 308—Utah 91—Wash. 308—
Canada 38, 44, 559

CARTER PRODUCTS CO., INC.

50 Market Ave., N. W.
Grand Rapids 2, Mich.

Cal. 1345—Ga. 38—N. Y. 658

CASALBI CO.

See Globe Div.

CASE MAUL MANUFACTURING

CO., INC.

22 Harker St.
Mansfield, Ohio

Cal. 717—Conn. 258—D. C. 30—Fla. 173—
Ga. 42—Ill. 166, 1122, 1225—Ind. 48, 70,
531—Kan. 130—Ky. 127—Md. 78—
Mich. 885, 962—Minn. 242—Mo. 200,
295—N. Y. 65, 362, 420, 442, 567, 608, 1239,
1468—Ohio 17, 392, 760, 1202, 1454, 1654—
Okla. 122—Pa. 169, 442—Tex. 112—
Wis. 102—Canada 165

CAWI MACHINE CO., INC.

34 Exchange Pl.
Jersey City, N. J.

Cal. 1423—Ill. 166—Ind. 153—Mass. 361,
456—N. Y. 248, 1443, 1637—Ohio 1240,
1361—Pa. 195, 730—Va. 66

CENTRAL SAFETY EQUIPMENT CO.

6601 Marsden St.
Philadelphia 35, Pa.

Cal. 1368—Ind. 539—Mich. 223—
Ohio 946—Pa. 213

CENTRIFUGALLY CAST

PRODUCTS DIV.

The Shenango Furnace Co.
W. Third St.
Dover, Ohio

(Contact manufacturer direct)

CENTURY ELECTRIC CO.

1906 Pine St.
St. Louis 3, Mo.

Cal. 405, 1165—Conn. 174—Ill. 194—
Ind. 192—Mass. 67—Mich. 257—Mo. 342—
N. J. 150—N. Y. 1516—Ohio 189, 548—
Pa. 64, 834—Wis. 143

CENTURY DETROIT

7701 Lyndon Ave.
Detroit 38, Mich.

(Contact manufacturer direct)

CENTURY CONTROL ENGINEERING

7701 Lyndon Ave.
Detroit 38, Mich.

(Contact manufacturer direct)

CENTURY HYDRAULICS

7701 Lyndon Ave.
Detroit 38, Mich.

(Contact manufacturer direct)

CERRO DE PASCO SALES CORP.

300 Park Ave.
New York, N. Y.

(See advertisement p. 319)

Cal. 685—Conn. 140—Conn. 4—Ga. 42—
Ill. 714, 1011—Kan. 102—La. 148—
Mass. 136, 447—Mich. 216, 839—Minn. 148,
183—Mo. 262, 465—N. M. 38—N. Y. 88,
401—Ohio 619, 1179—Okla. 137—Pa. 590—
Tenn. 185—Tex. 262, 655, 851—
Wash. 186—Wis. 437

CHAIN BELT CO.

4701 W. Greenfield Ave.
Milwaukee 1, Wis.

Ala. 113—Cal. 50, 406—Conn. 41—
Fla. 73—Ga. 57—Ill. 196, 964—Md. 25—
Mass. 68, 512—Mich. 259, 947—Minn. 63—
Mo. 74, 344—N. J. 100—N. Y. 205, 789—
N. C. 36—Ohio 190, 549—Okla. 16—
Ore. 62—Pa. 491, 835—Tex. 126, 526, 811—
Utah 29—Wash. 93—Wis. 6, 144—
Canada 490, 548

CHAINVEYOR CORP.

5618 E. Washington Blvd.
Los Angeles 22, Cal.

Fla. 74—Ill. 197—N. J. 414

CHALLENGE MACHINERY CO., THE

First St.
Grand Haven, Mich.

(Contact manufacturer direct)

CHAMBERSBURG ENGINEERING CO.

Derbyshire St.
Chambersburg, Pa.

Ala. 101, 209—Ariz. 96—Cal. 58, 633,
1081, 1380—Conn. 93—Fla. 45—Ill. 486—
La. 30, 192, 231—Mich. 644—Miss. 29—
Mo. 226, 548—Neb. 20—N. J. 609—
N. Y. 1707—Ohio 327, 783—Okla. 161—
Pa. 995—Tex. 112, 697—Utah 65—
Wash. 235—Wis. 287—Canada 85, 124, 440,
506, 613

CHAMPION PNEUMATIC

MACHINERY CO.

Div. of Transvision, Inc.

825 N. Pleasant St.
Princeton, Ill.

Ala. 73—Ariz. 19—Cal. 883, 1453—
Conn. 148—Ga. 283—Ill. 76, 331, 1132—
Ind. 241—Iowa 136—Kan. 37—Md. 226—
Mass. 164, 416—Mich. 17—Minn. 184—
Miss. 26—Mo. 399—Neb. 54—N. Y. 571,
790—N. C. 175—Ohio 51, 1005, 1393—
Okla. 157—Ore. 155—Pa. 493, 671, 880—
Tenn. 208—Tex. 332, 739, 790—
Wash. 239—Wis. 436—Canada 89, 127

CHANCE-VOUGHT AIRCRAFT, INC.

Genesys Corporation (subsidiary)

P. O. Box 5907
Dallas 22, Tex.

Cal. 501

CHASE BRASS & COPPER CO.

236 Grand St.
Waterbury 20, Conn.

Cal. 408, 1471—Conn. 42—Conn. 423—
Ga. 59—Ill. 190—Ind. 193—La. 83—
Md. 37—Mass. 70—Mich. 262, 937—
Minn. 65—Mo. 75, 346—N. J. 320—
N. Y. 630, 1292—N. C. 39—Ohio 191, 554—
Pa. 494, 837—R. I. 34—Tex. 127, 528—
Wash. 96—Wis. 145

CHASO TOOL CO., INC., THE

6829 Lincoln St.
North Branch, Mich.

Ala. 107—Conn. 207—Ga. 289—Ill. 278—
Ind. 423—Mich. 475, 829—N. Y. 306, 451,
1359, 1579—Ohio 423, 963, 1682—
Pa. 1151—Tex. 741—Wash. 172

CHEMICAL DEVELOPMENT CORP.

Devcon Corp.
Endicott St.
Danvers, Mass.

(See advertisement p. 228)

Cal. 694, 1303, 1427—Conn. 181—
Ga. 289—Ill. 276, 927—Kan. 38—
Mass. 30A, 259, 372A—Mich. 334 593A—
Minn. 127—Mo. 322—N. H. 9—
N. Y. 1138A—Ohio 77, 558A, 927—
Ore. 160—Pa. 659, 1031A—Tex. 325—
Utah 82—Wash. 251—Canada 374

CHICAGO DIAL INDICATOR CO.

180 N. Wacker Dr.
Chicago 6, Ill.

(Contact manufacturer direct)

CHICAGO DIE CASTING

MANUFACTURING CO.

2512 W. Monroe St.
Chicago 12, Ill.

(Contact manufacturer direct)

CHICAGO-LATROBE

411 W. Ontario St.
Chicago 10, Ill.

(Contact manufacturer direct)

CHICAGO MANUFACTURING &

DISTRIBUTING CO.

1928 W. 46th St.
Chicago 9, Ill.

(Contact manufacturer direct)

CHICAGO PNEUMATIC TOOL CO.

6 E. 44th St.
New York 17, N. Y.

Ala. 38—Cal. 410, 1166—Conn. 42A—
Ga. 60—Ill. 202—La. 85—Mass. 72—
Mich. 264—Minn. 66—Mo. 347—
N. Y. 206A, 792—Ohio 192, 556—
Okla. 72—Pa. 838, 1313—Tex. 128, 528A—
Utah 30—Wash. 97—Wis. 147

CHICAGO RAWHIDE

MANUFACTURING CO.

1301 N. Elston Ave.
Chicago 22, Ill.

Cal. 964, 1223—Conn. 413—Ga. 61—
Ill. 876, 1091—Ind. 194—Iowa 46—
Mass. 575—Mich. 265—Minn. 246—
Mo. 77, 348—N. J. 321—N. Y. 546, 1517—
Ohio 193, 557—Okla. 112—Pa. 272, 839—
Tex. 611—Wash. 98—Wis. 148—
Canada 167

CHICAGO RIVET & MACHINE CO.

950 S. 25th Ave.
Bellwood, Ill.

CHICAGO SCREW CO.

Div. of Standard Screw Co.
2701 Washington Blvd.
Bellwood, Ill.

Cal. 589—Conn. 192—Ohio 1364—
S. C. 43—Tex. 629—Va. 119—Wash. 242

CHICAGO TOOL AND ENGINEERING CO.
8383 S. Chicago Ave.
Chicago 17, Ill.

(Contact manufacturer direct)

CHICAGO TRAMRAIL CORP.

1330 S. Kostner
Chicago 23, Ill.
Ala. 48—Colo. 153—Fla. 5—Ill. 997—
Ind. 322—La. 86—Md. 221—Mich. 698—
Mo. 385—N. J. 174—N. Y. 66, 238, 1654—
Ohio 201, 698, 1134, 1275—Okla. 135—
Pa. 178, 788, 1239—S. C. 57—Tex. 540

CHICAGO WHEEL & MANUFACTURING CO.

1101 W. Monroe St.
Chicago 7, Ill.
Cal. 241, 1345—Fla. 124—Ga. 268—
Ind. 240—Kan. 25—La. 123—Mass. 292—
Mich. 590—Minn. 196—Mo. 334—
N. Y. 658—Ohio 120, 283—Pa. 778—
Wis. 62

CHISHOLM-MOORE HOIST DIV.

Columbus McKinnon Chain Corp.
5950 Fremont Ave.
Tonawanda, N. Y.
Cal. 1167, 1406—Ill. 210—N. Y. 793—
Ohio 558

CHRYSLER CORP.

See Amplex Div.

CIBA PRODUCTS CORP.

P. O. Box No. 415
Fair Lawn, N. J.
Cal. 454, 1246—Colo. 204—Ga. 302—
Ill. 406—Ind. 274—Kan. 121—La. 187,
230—Md. 96—Mass. 6—Mich. 369—
Minn. 240—Mo. 236, 306—N. Y. 216, 960,
1296—N. C. 9, 201—Ohio 301, 673—
Ore. 68—Pa. 700, 824—Tex. 333, 728, 794,
866—Canada 314

CIMCO ENGINEERING CO.

P. O. Box 34
2175 W. Stadium Blvd.
Ann Arbor, Mich.
(Contact manufacturer direct)

CINCINNATI BICKFORD DIV.

Giddings & Lewis Machine Tool Co.
Cincinnati 9, Ohio
Ala. 102—Ariz. 88—Cal. 434, 1177—
Colo. 125—Conn. 487—Fla. 45—Ga. 181—
Ill. 486—Ind. 311—Kan. 86—La. 168, 214—
Mass. 289—Mich. 843—Minn. 216—
Mo. 30, 127, 418—Neb. 46—N. Y. 334,
1062, 1598—Ohio 346, 819, 1282—
Okla. 101—Ore. 174—Pa. 821, 1317—
Tenn. 34, 163—Tex. 254, 733—Utah 100—
Va. 50—Wash. 274, 363—W. Va. 12—
Wis. 287—Canada 467

CINCINNATI ELECTRICAL

TOOL CO., THE
368 Mt. Hope Ave.
Cincinnati 4, Ohio
Cal. 546, 1354—Fla. 239—Ga. 198—
Ill. 177—Ind. 386—Kan. 25—Minn. 168—
N. J. 82—N. Y. 203, 658—Ohio 411—
Ore. 44—Pa. 997—Tex. 809—Wis. 258—
Canada 278

CINCINNATI GEAR CO., THE

Wooster Pike and Mariemont Ave.
Cincinnati 27, Ohio
N. J. 182—N. Y. 394—N. C. 19—
Ohio 936—Wis. 206

CINCINNATI GILBERT MACHINE

TOOL CO., THE
3366 Beekman St.
Cincinnati 23, Ohio
Ala. 106—Cal. 753, 1423—Colo. 105, 155—
Conn. 292—D. C. 95—Fla. 257, 352—
Ill. 462—Ind. 307—La. 184—Mass. 361—
Mich. 533—Minn. 11, 229—Mo. 433, 520—
N. Y. 277, 881, 1348, 1563—Ohio 76, 445—

Okla. 131—Pa. 604, 806—Tenn. 71—
Tex. 207, 590—Utah 54—Wash. 76—
Wis. 276—Canada 171, 542

CINCINNATI LATHE AND TOOL CO.

4701 Marburg Ave.
Cincinnati 9, Ohio
Ala. 101, 209—Cal. 753, 1207—Colo. 155—
D. C. 97—Fla. 171—Ga. 18—Idaho 13—
Ill. 860—Ind. 259—Iowa 9—Kan. 78—
La. 30, 192, 231—Mass. 289—Mich. 625,
983—Minn. 11, 275—Miss. 29—Mo. 103,
418—Neb. 46—N. Y. 222, 655, 1395, 1623—
N. C. 7, 134, 191—Ohio 76, 445—Okla. 22,
104—Ore. 93—Pa. 761, 1123—S. C. 24, 58—
Tenn. 34, 166—Tex. 463, 736—Utah 65—
Va. 50, 120, 145—Wash. 143, 340—
W. Va. 12—Wis. 353—Canada 85, 134, 209,
440, 506, 587

CINCINNATI MANUFACTURING CO.

See The U.S. Burke Machine Tool Div.

CINCINNATI MILLING MACHINE CO.

4701 Marburg Ave.
Cincinnati 9, Ohio
Ala. 101—Cal. 523, 1071, 1207—
Colo. 155—Conn. 450—Fla. 171—Ga. 53—
Idaho 15—Ill. 30—Ind. 195—La. 146,
224—Mass. 583—Mich. 1238—Minn. 275—
Mo. 226, 548—Neb. 46—N. J. 268—
N. Y. 207, 1520—N. C. 7, 134, 191—
Ohio 197, 1528—Okla. 161—Ore. 93—
Pa. 841, 1261—S. C. 24, 58—Tenn. 34, 57,
163, 256—Tex. 277, 697—Utah 84—
Va. 120, 145—Wash. 143, 340

CINCINNATI MILLING & GRINDING MACHINES, INC.

See Meta-Dynamics Div.

CINCINNATI SHAPER CO., THE

P. O. Box 111
Cincinnati 11, Ohio
(Contact manufacturer direct)

CINCINNATI SUB ZERO PRODUCTS

3932 Reading Rd.
Cincinnati 29, Ohio
Cal. 46—Conn. 4—Ill. 679—Md. 214—
Mass. 444—Mich. 1268—Mo. 553—
Neb. 46—N. Y. 277, 1585—Ohio 1337—
Pa. 1202—Wash. 318—Canada 609

CINCINNATI TOOL CO., THE

4373 Montgomery Rd.
Cincinnati 12, Ohio
(Contact manufacturer direct)

CIRCO EQUIPMENT CO.

51 Terminal Ave.
Clark, N. J.
Cal. 411—Conn. 7, 424—Fla. 54—Ga. 63—
Ill. 211—Mass. 73—Mich. 267—N. J. 60—
N. Y. 208—N. C. 41—Ohio 199, 560—
Tex. 129—Wis. 149

CIRCULAR TOOL CO., INC.

765 Allens Ave.
Providence 5, R. I.
(See advertisement p. 35)
Cal. 81—Ill. 640—Ind. 247—N. J. 166—
N. Y. 807, 1327, 1683—Ohio 878, 1262—
Pa. 553, 888—R. I. 66—Wis. 203—
Canada 637

CITY TOOL CORP.

119 Franklin St.
Dayton 2, Ohio
Ill. 854—Mich. 1275—Ohio 63—Pa. 134

CLAIR MANUFACTURING CO., INC.

1002 S. Union St.
Olean, N. Y.
Conn. 429—Ill. 479—Mich. 493—Mo. 366—
N. J. 91—N. Y. 879—Ohio 65, 183—
Pa. 1133—Canada 204, 660

CLARK CONTROLLER CO., THE

1146 E. 152nd St.
Cleveland 10, Ohio
Ala. 39—Ark. 40—Cal. 412, 1417—

Colo. 45—Fla. 160—Ga. 64—Idaho 2—
Ill. 40—Ind. 121—Iowa 47—La. 208—
Md. 39—Mass. 74—Mich. 268—Minn. 67—
Miss. 13—Mo. 79, 350—Neb. 25—
N. M. 19—N. Y. 209, 794, 1518—N. C. 42—
Ohio 13, 200, 563, 1061, 1735—Okla. 74—
Ore. 64—Pa. 496, 842—Tenn. 132—
Tex. 13, 130, 387, 529—Utah 31—Va. 74—
Wash. 99—W. Va. 42—Wis. 151—
Canada 15, 109, 189, 259, 282, 334, 496, 550

CLARK-CUTLER-McDERMOTT CO.

Air-Loc Div.
Fisher St.
Franklin, Mass.
Ill. 758, 1129, 1158—N. Y. 70, 320, 445,
1460—Ohio 576, 1280, 1583—R. I. 49—
Wis. 219—Canada 656

CLARK EQUIPMENT CO.

Industrial Truck Div.
Battle Creek, Mich.
Ala. 133, 192—Ariz. 64—Ark. 38—
Cal. 28, 159, 173, 223, 290, 374, 909, 1003,
1020, 1054, 1241, 1391—Colo. 76—
Conn. 208, 304—D. C. 71—Fla. 101, 202,
260, 339, 347—Ga. 251, 339—Ill. 7, 213,
846, 1094, 1161—Ind. 36, 85, 131, 310,
482—Iowa 43, 87—Kan. 97—Ky. 89—
La. 135, 218—Me. 1—Md. 40—Mass. 537,
552, 650—Mich. 525, 876, 986, 1093, 1131,
1160, 1206, 1261—Minn. 13, 160—
Miss. 28—Mo. 161, 275—Neb. 24—
N. J. 245, 314, 613—N. Y. 26, 194, 795,
1389, 1613, 1681—N. C. 77, 171—Ohio 468,
779, 1124, 1277, 1468, 1626, 1757—
Okla. 13, 64—Ore. 23, 73—Pa. 179, 258,
584, 993—R. I. 21—S. C. 9, 20, 49—
Tenn. 39, 107, 213, 251—Tex. 341, 647,
798—Utah 42—Va. 53, 130, 133—
Wash. 127, 351—W. Va. 23—Wis. 30, 440—
Canada 21, 46, 124, 209, 440, 506, 613

CLARK FEATHER MANUFACTURING CO.

118 W. Railroad, P. O. Box 577
Fort Morgan, Colo.
Conn. 270—Iowa 35—Kan. 7—
Mich. 1089—Minn. 105, 264—Mo. 274—
Ohio 1476—Wis. 67

CLARK INSTRUMENT, INC.

10200 Ford Rd.
Dearborn, Mich.
(Contact manufacturer direct)

CLARK CO., ROBERT H.

9330 Santa Monica Blvd.
Beverly Hills, Cal.
Cal. 1470—Ind. 240—Md. 78—Mass. 406—
N. Y. 427, 1688—Ohio 895, 1300—
Pa. 243, 926—Tex. 115—Wash. 258—
Wis. 169

CLAUSING DIV.

Atlas Press Co.
19-114 N. Pitcher St.
Kalamazoo 13, Mich.
Cal. 862—Colo. 25—Ga. 290—Ill. 109—
Kan. 34—Md. 207—Mass. 482—
Mich. 1141, 1242—N. J. 541—N. Y. 1219,
1532—Ohio 1154, 1213—Ore. 139—
Pa. 535—Tex. 423—Wis. 466

CLEARING DIV.

U. S. Industries, Inc.
6499 W. 65th St.
Chicago 38, Ill.

(See advertisement Back Cover)

Ala. 137—Ariz. 101—Cal. 503, 1265,
1405—Colo. 63, 105—Conn. 464, 477—
Fla. 84, 304—Ill. 20, 320, 794—Ind. 213,
223—Iowa 107—Kan. 127—La. 192—
Mass. 361—Mich. 403, 623, 1027, 1162—
Minn. 86, 109—Mo. 106, 108, 295—
Neb. 38, 42—N. Y. 426, 1062, 1492—
Ohio 648, 1325—Okla. 132—Ore. 37—
Pa. 650, 995, 1100, 1123—Tex. 676, 747—
Va. 52—Wash. 107, 235—Wis. 353, 442—
Canada 195

CLEARING MACHINE TOOL DIV.

See U. S. Industries

MANUFACTURERS

CLECO DIV.

(Reed Roller Bit Co.)
5125 Clinton Dr.
Houston, Tex.
Ala. 40—Cal. 413—Fla. 161—Ga. 65—
Ill. 215—Mich. 270—Mo. 80, 352—
N. J. 323—Pa. 497, 844—Tex. 131—
Canada 233

CLEERMAN MACHINE TOOL CORP.

601 Elizabeth St., P. O. Box 75
Green Bay, Wis.
Ala. 101, 209—Ariz. 59—Cal. 590, 1310—
Colo. 105—Conn. 464—D. C. 95—Fla. 257,
352—Ga. 18—Ill. 402, 995—Ind. 227—
Kan. 79—La. 30, 192—Mass. 103—
Mich. 41, 715—Minn. 11, 98—Miss. 29—
Mo. 108, 355—Neb. 32—N. Y. 355, 656,
1413, 1811—N. C. 137—Ohio 946, 1235—
Okla. 169—Pa. 484, 798—Tenn. 52, 71—
Tex. 207, 590—Utah 47—Va. 53—
Wash. 172—Wis. 353

CLEMON BROTHERS, INC.

Middletown, N. Y.
Cal. 726—Ill. 48—Ore. 66

CLEVELAND AUTOMATIC

MACHINE CO., THE
4932 Beech St.
Cincinnati 12, Ohio
Ariz. 30—Cal. 536, 664, 1151—Conn. 176—
Ill. 1037—Kan. 86—Mich. 271—
Minn. 216—Mo. 127—Neb. 32—N. J. 522—
Ohio 202, 565—Canada 85, 124, 209, 440,
506, 613

CLEVELAND CAP SCREW CO., THE

Standard Pressed Steel Co.
4444 Lee Rd.
Cleveland 28, Ohio
Cal. 414, 1472—Colo. 168—Ill. 216, 575—
Ind. 362, 492—Iowa 113—Mich. 366,
1166—Minn. 152—Mo. 361—N. Y. 797,
1535—Pa. 496—Tenn. 24, 181—Tex. 223,
618—Utah 37—Va. 140—Wash. 226—
Wis. 182

CLEVELAND CRANE & ENGINEERING CO., THE

1405 E. 282nd St.
Wickliffe, Ohio
Ala. 41, 112—Cal. 415, 523, 1151, 1168—
Colo. 46—Conn. 325A, 487—D. C. 21—
Fla. 117, 315—Ga. 66, 67, 207—Ill. 217,
977, 986, 1092—Ind. 68, 199, 378—Ky. 41—
La. 68, 98, 220—Md. 38, 42, 204—
Mass. 171, 242, 368, 681—Mich. 273,
1212—Minn. 68, 275—Mo. 99, 226, 354,
548—N. J. 231, 557, 584—N. Y. 211, 334,
1062, 1467, 1519, 1596—N. C. 43, 172—
Ohio 14, 203, 357, 577, 909, 1062, 1584,
1716—Okla. 161—Pa. 51, 174, 499, 806,
844A, 845, 1210A—R. I. 37—Tenn. 23, 134,
254—Tex. 133, 194, 531, 717—Utah 47,
76—Va. 76—Wash. 38, 275—W. Va. 43—
Wis. 152—Canada 50, 67, 107, 124, 140,
171, 209, 317, 440, 494, 506, 535, 588

CLEVELAND CUTTER & REAMER CO.

7400 Madison Ave.
Cleveland 2, Ohio
Cal. 878—Conn. 488—Ga. 322—Ill. 445—
Ind. 422—Mass. 620—Mich. 261—
Minn. 113—Mo. 466—N. Y. 1376—
Ohio 1188, 1759—Pa. 553—Wis. 472

CLEVELAND GRINDING MACHINE CO., THE

See Cleveland Tool & Die Co.

CLEVELAND HOBBING & MACHINE CO.

1311 Chardon Rd.
Cleveland 17, Ohio
Cal. 536, 1151—Conn. 98—Fla. 343—
Ill. 1059—Ind. 223—N. C. 89—Ohio 570,
1325—Ore. 153—Tenn. 67—Tex. 685—
Wash. 76

CLEVELAND INDUSTRIAL TOOL CORP.

5th Ave., Box 84
Chardon, Ohio
Ill. 996—Mich. 789—Ohio 130, 332,
1280—Wis. 91

CLEVELAND INSTRUMENT CO.

6220 E. Schaaf Rd.
Cleveland 31, Ohio
(See advertisement p. 134)
Cal. 46, 496, 717, 968, 981—Colo. 92—
Ill. 566—Ind. 495—Iowa 18—Mich. 843—
Minn. 180—N. Y. 796, 1282—N. C. 26—
Ohio 346, 697, 1240—Pa. 358, 1021—
R. I. 11—Wash. 128—Wis. 220

CLEVELAND PLANER, THE

3148 Superior Ave.
Cleveland 14, Ohio
Ala. 112—Cal. 753, 1207—Colo. 70—
Conn. 308—Ga. 58, 214—Ill. 294—
Ind. 352—La. 184, 220—Md. 33—
Mass. 289—Mich. 714—Minn. 312—
Mo. 548—N. Y. 315, 1139, 1603—
N. C. 172—Ohio 403, 659, 1122, 1315,
1649—Ore. 79—Pa. 747, 798—Tex. 676—
Utah 47—Wash. 235—Wis. 194

CLEVELAND PNEUMATIC

INDUSTRIES, INC.
Industrial Sales Div.
84 Old Orchard
Skokie, Ill.
(Contact manufacturer direct)

CLEVELAND PUNCH & SHEAR

WORKS CO., THE
3917 St. Clair Ave.
Cleveland 14, Ohio
Ala. 146—Cal. 45, 600, 753, 1377—
Ill. 526—La. 98—Mass. 212—Mich. 272—
Minn. 229—Mo. 127, 520—N. Y. 548, 609,
1065—Pa. 730—Tenn. 216—Tex. 530—
Va. 102—Wash. 249—Wis. 268—
Canada 312

CLEVELAND TAPPING MACHINE CO., THE

Brook St.
West Hartford, Conn.
Ala. 101—Cal. 234, 1151—Conn. 509—
Ga. 58—Ill. 1239—Ind. 402—La. 192—
Mich. 519, 874, 976—Minn. 229—
N. Y. 1568—Ohio 773, 1282—Okla. 101—
Pa. 806—Utah 63—Va. 112—Wash. 274—
Wis. 387—Canada 509

CLEVELAND TOOL & DIE CO.

The Cleveland Grinding Machine Co.
1643 Eddy Rd.
Cleveland 12, Ohio
(Contact manufacturer direct)

CLEVELAND TWIST DRILL CO., THE

1242 E. 49th St.
Cleveland 14, Ohio
Cal. 416, 1169—Ill. 218—Mich. 274—
N. Y. 798—Tex. 134—Canada 276

CLEVELAND UNIVERSAL JIG CO., THE

13404 St. Clair Ave.
Cleveland 10, Ohio
Cal. 425—Conn. 213—Ill. 739—Ind. 465—
Kan. 77—Mich. 332—Mo. 127, 527—
N. Y. 399—Ohio 578, 978, 1260, 1262,
1666—Pa. 590—R. I. 63—Tenn. 124—
Wash. 172

CLEVELAND WORM & GEAR CO., THE

3300 E. 80th St.
Cleveland, Ohio
Ala. 101—Cal. 605, 1261—Colo. 85—
Conn. 199—Ga. 106—Ill. 282—Ind. 253—
La. 109—Mass. 576—Mich. 28, 338—
Minn. 209—Mo. 72, 414—Neb. 22—
N. Y. 184, 886—N. C. 232—Ohio 422,
611—Okla. 115—Ore. 48—Pa. 517, 870—
Tenn. 138—Tex. 326, 628—Utah 83—
Wash. 58—Wis. 183

CLEVITE CORP.

See Brush Instruments

CLIFF SALES CO.

17 N. LeClaire Ave.
Chicago 44, Ill.
Cal. 553—Ill. 1205—Mich. 80, 109, 872—
Minn. 283—Wis. 293

CLIFTON HYDRAULIC PRESS CO.

288 Allwood Rd.
Clifton, N. J.
(Contact manufacturer direct)

CLIPPARD INSTRUMENT

LABORATORY, INC.
7390 Colerain Rd.
Cincinnati 39, Ohio
Ariz. 5—Cal. 77, 1293—Colo. 217—
Ga. 188—Ill. 868—Iowa 56—La. 197—
Mass. 299—Mich. 802—Minn. 36—
Mo. 249, 391—N. J. 263—N. Y. 561, 1391—
N. C. 28—Ohio 866, 1721—Okla. 35—
Ore. 182—Pa. 414, 873—R. I. 22—
Tenn. 87, 148—Tex. 371—Va. 1, 116—
Wash. 269—W. Va. 81—Wis. 159—
Canada 410

CLIPPER DIAMOND TOOL CO., INC.

345 Hudson St.
New York 14, N. Y.
Ind. 130—Mass. 16, 616—Mich. 1094, 1272,
1273—N. J. 622—N. Y. 799, 1227, 1503—
Ohio 264, 1020—Pa. 40—Tenn. 124

CLOVER MANUFACTURING CO.

327 Main St.
Norwalk, Conn.
(Contact manufacturer direct)

CLOYES GEAR & PRODUCTS, INC.

17214 Roseland Rd.
Cleveland 12, Ohio
Ohio 1475

COASTAL ABRASIVE AND TOOL CO., INC.

40-22 23rd St.
Long Island City 1, N. Y.

COFFEY-CUMMINS MANUFACTURING CO.

1107 N. Fair Oaks Ave.
Pasadena 3, Cal.
Cal. 230, 326, 496, 606, 658, 1199—
Ill. 356—Mass. 51, 385—Mich. 1102,
1111, 1377—N. Y. 510—Ohio 861—
Pa. 596

COFFING HOIST DIV.

Duff-Norton Co.
806 Walter St.
Danville, Ill.
Cal. 1193—Colo. 68—Conn. 228—Ga. 95,
325—Ill. 843, 905—N. M. 8—Ohio 1712—
Ore. 152—Pa. 347—Tex. 548

COGSDILL TOOL PRODUCTS, INC.

12980 W. Eight Mile Rd.
Oak Park 37, Mich.
(See advertisement p. 221)
Ala. 64—Cal. 53, 276, 401—Colo. 121—
Conn. 232—Ga. 78—Ill. 514, 1155—
Ind. 197, 247, 578—Kan. 118—Ky. 38—
Md. 218, Mass. 263—Mich. 253, 682, 884,
1028, 1152, 1286—Minn. 166—Mo. 470,
477—N. Y. 362, 1417, 1606, 1688—
N. C. 26—Ohio 446, 641, 1226, 1636—
Ore. 28—Pa. 183, 920, 1256—Tenn. 124—
Tex. 356, 741—Wis. 163, 397—Canada 182,
311, 492, 532

COGSDILL TWIST DRILL CO., INC.

90 Federal St.
Greenfield, Mass.
Cal. 401—Md. 132—Mich. 275—Wis. 443

COLLINS MACHINERY CORP.

5474 Alhambra Ave.
Los Angeles 32, Cal.
Cal. 5, 95, 175, 895, 918, 1024, 1170, 1175,
1386, 1393, 1412—Colo. 86—Fla. 301—
Ga. 148—Ill. 164—La. 153—Mich. 235—
Minn. 163—Mo. 503—Nev. 8—N. J. 514—
N. Y. 813, 994, 1007, 1149, 1675—Ohio 62,
532—Ore. 91—Pa. 304, 716—Tex. 273,
403, 409, 777, 880—Utah 73—Wash. 66,
141, 167, 217, 254, 339

COLLINS MICROFLAT CO.

3249 W. El Segundo Blvd.
Hawthorne, Cal.
Cal. 225—Ga. 81—Ind. 423—Mass. 388—
Mich. 843—Mo. 127, 419, 567—
N. Y. 1113—Ohio 346, 1282, 1370—
Pa. 1021—Tenn. 106—Tex. 169

COLLIS CO., THE

2005 S. 19th St.
Clinton, Iowa
(Contact manufacturer direct)

COLONIAL ABRASIVE PRODUCTS CO.

6th and Harry St.
Conshohocken, Pa.
Conn. 519—Ohio 1033—Pa. 314, 790, 888

COLONIAL BROACH & MACHINE CO.

21601 Hoover, P. O. Box 37, Harper Sta.
Detroit 13, Mich.
Ariz. 78—Cal. 1405, 1423—Colo. 83—
Ga. 207—Ill. 1059, 1155—Ind. 156, 501,
553—Kan. 93—Md. 204—Mich. 218, 304,
459, 878, 1276—Minn. 275—Mo. 477—
N. J. 166—N. Y. 1540—Ohio 179, 861, 894,
1228, 1681—Ore. 37—Pa. 278, 1056—
Tex. 361, 549—Wash. 235—Wis. 246—
Canada 500

COLONIAL MANUFACTURING CO., INC.

800 Berkshire Ave.
Springfield, Mass.
(Contact manufacturer direct)

COLONIAL TOOL CO.

30 Wall St.
Foxboro, Mass.
(Contact manufacturer direct)

COLORADO FUEL AND IRON CORP., THE

575 Madison Ave.
New York 22, N. Y.
(Contact manufacturer direct)

COLSON CORP., THE

7 S. Dearborn St.
Chicago 3, Ill.
Ala. 167—Cal. 420, 879, 1171—Colo. 20—
Conn. 287—D. C. 22—Fla. 165—Ga. 258—
Idaho 1—Ill. 220, 487, 1093—Ind. 406—
Iowa 48—Ky. 73—La. 199—Md. 45—
Mass. 77, 513, 654—Mich. 278—
Minn. 271—Mo. 142, 356—Mont. 26—
N. M. 34—N. Y. 12, 213, 458, 803, 1295—
N. C. 143—Ohio 16, 204, 582, 1064, 1585—
Okla. 170—Ore. 56—Pa. 12, 255, 501,
848—R. I. 39—S. C. 62—Tenn. 221—
Tex. 139, 630, 872—Utah 21—Va. 29, 48,
81—Wash. 73—W. Va. 49—Wis. 154—
Canada 337

COLUMBIA INTERNATIONAL CORP.

10-35 44th Dr.
Long Island City 1, N. Y.
Cal. 515, 1448—Conn. 175—Ill. 166—
N. Y. 1316—N. C. 261

COLUMBIA TOOL STEEL CO.

Lincoln Hwy. and State St.
Chicago Heights, Ill.
Cal. 421—Ill. 999—Ky. 82—Mich. 279,
921—Minn. 316—Mo. 357—Ohio 205,
583—Ore. 146—Pa. 193—Va. 107—
Wis. 155

COLUMBUS DIE, TOOL AND

MACHINE CO.
955 Cleveland Ave., P. O. Box 750
Columbus 3, Ohio
(Contact manufacturer direct)

COLUMBUS McKINNON CHAIN CORP.

See Chisholm-Moore Hoist Div.

COLWELL, S. G.

25 Congress Ave.
Providence 7, R. I.
(Contact manufacturer direct)

COMET TOOL CO.

738 Broadway
New York 3, N. Y.
Cal. 606, 736, 1318—Colo. 38, 83—
Conn. 309, 490—Fla. 269—Ill. 233, 300,
430, 725, 757—Ind. 60—Iowa 29—
Md. 61, 114—Mass. 108, 540, 674—
Mich. 422—Minn. 61—Mo. 136, 419, 469—
N. J. 154, 209, 395, 396, 431, 457, 517,
574—N. Y. 49, 100, 125, 306, 409, 442, 451,
592, 639, 787, 1359, 1538, 1658—N. C. 261—
Ohio 428, 1082—Okla. 14—Pa. 169, 176,
178, 380, 622, 632—R. I. 55—Canada 88,
187, 407

COMMANDER MANUFACTURING CO.

4225 W. Kinzie St.
Chicago 24, Ill.
Ala. 31, 64—Ariz. 33, 49—Cal. 122, 523,
608, 745, 794, 885, 893, 914, 984, 1000,
1017, 1070, 1252, 1366—Colo. 75—
Conn. 260, 477—D. C. 91—Fla. 172, 199,
248—Ga. 18, 58, 181—Ill. 8, 205, 233, 428,
441, 442, 555, 607, 628, 852, 1095, 1158—
Ind. 38, 126, 235, 273, 573—Iowa 11—
Kan. 90—Ky. 24—La. 192, 231—Md. 25—
Mass. 69, 385, 431, 540—Mich. 6, 714, 774,
956, 1102, 1140, 1159, 1203, 1207—
Minn. 167, 183—Mo. 66, 103, 108, 469,
470—Neb. 32, 42—N. H. 13—N. J. 210,
242, 306, 395—N. Y. 94, 125, 258, 296, 342,
442, 486, 598, 684, 746, 1242, 1257, 1387,
1503, 1643, 1648, 1700—N. C. 137, 213,
260—Ohio 28, 44, 302, 854, 895, 946, 957,
1091, 1202, 1674—Okla. 32, 131—Ore. 46,
153—Pa. 157, 169, 197, 590, 604, 689, 847,
1122, 1355—R. I. 74—Tenn. 34, 183, 195—
Tex. 169, 255, 463, 763, 747—Va. 12, 136—
Wash. 78, 383—Wis. 244, 402, 459,
Canada 92, 244, 256, 311, 467, 492, 511,
532, 633

COMMANDO TOOL CO., INC.

21721 Republic Ave., P. O. Box 90
Detroit 20, Mich.
(See advertisement p. 549)
(Contact manufacturer direct)

COMMERCIAL DIE CO.

7851 Intervale Ave.
Detroit 38, Mich.
(Contact manufacturer direct)

COMMERCIAL SHEARING & STAMPING CO.

1775 Logan Ave., P. O. Box 239
Youngstown 1, Ohio
Ga. 72—Ill. 221—N. J. 101—Tex. 139—
Utah 32

COMPOSITE FORGINGS, INC.

2300 W. Jefferson Ave.
Detroit 16, Mich.
Ky. 10—N. J. 59—N. Y. 250, 1646—
Ohio 68

COMTOR CO., THE

47 Farwell St.
Waltham 54, Mass.
Ariz. 112—Cal. 53, 423—Ill. 224, 982—
Ind. 207—Kan. 93—Mass. 11, 259—
Mich. 431—Minn. 218—Mo. 323—
N. J. 587—N. Y. 353—Ohio 753, 1291—
Pa. 447—Tex. 168, 564—Wis. 453—
Canada 446

CONANT BROACH CO.

347 W. 107th St.
Chicago 28, Ill.
Conn. 235—Ill. 982—Ind. 315, 345—
Mass. 263—Minn. 218—Mo. 449—
N. Y. 840—N. C. 114—Ohio 348, 822,
1172—Pa. 391, 1240—Wis. 453

CONCENTRIC TOOL CORP.

2486 Huntington Dr.
San Marino, Cal.
Ariz. 46, 112—Cal. 48, 214, 230, 309, 326,
491, 496, 600, 606, 689, 878, 914, 1070, 1144,
1162, 1198, 1277, 1377, 1381—Conn. 137—
Fla. 327—Ill. 205, 357, 502, 636, 720, 1120,
1166—Ind. 240—Iowa 11—La. 98—Md. 33,
131—Mass. 159, 516, 680—Mich. 625,
850—Minn. 216—Mo. 469—Neb. 32—
N. J. 607—N. Y. 420, 1662—Ohio 170, 576,
1280, 1624—Ore. 61, 108—Pa. 1087—
R. I. 48—Tenn. 177—Tex. 685—Utah 52—
Wash. 102—W. Va. 12—Wis. 355

CONE AUTOMATIC MACHINE CO., INC.

Everett La., P. O. Box 27
Windsor, Vt.
Ala. 102—Cal. 753, 1310—Colo. 105—
Ga. 18—Ill. 308—Ind. 378—La. 214—
Mich. 183—Mo. 127—Neb. 32—N. Y. 650,
878—Ohio 777—Okla. 169—Tenn. 71—
Tex. 112, 747—Utah 54—Wash. 172—
Canada 467

CONE AUTOMATIC MACHINE CO., INC.

Pilot Div.
30 Rockefeller Plaza
New York, N. Y.
Ill. 308—Ind. 378—Mich. 183—N. Y. 650,
878—Ohio 777

CONE-DRIVE GEARS

Div. of Michigan Tool Co.
7171 E. McNichols Rd.
Detroit 12, Mich.
Ill. 1275—Mass. 339—Mich. 635—
Minn. 246—Mo. 169—N. J. 298—
N. Y. 1223—N. C. 163—Ohio 123, 1298—
Pa. 742, 1063—Tenn. 20—Wis. 487—
Canada 497

CONFORMING MATRIX CORP.

12th and Woodruff Sts.
Toledo 2, Ohio
Cal. 191—Ill. 867—Ky. 115—Ohio 1586

CONICAL TOOL CO.

3800 Buchanan S. W.
Grand Rapids, Mich.
Ala. 64—Cal. 214, 500—Conn. 41, 80—
Fla. 52, 57, 182—Ga. 78—Ill. 173, 203, 206,
515—Ind. 70, 109, 531, 556—La. 100—
Md. 61—Mass. 666—Mich. 2, 39, 656, 1316,
1342—Minn. 216—Miss. 17—Mo. 364, 409,
469—N. J. 27, 44, 395—N. Y. 280, 836, 1212,
1407, 1503—Ohio 127, 593, 822, 845, 1141,
1607, 1654, 1667, 1695—Ore. 122, 136—
Pa. 154, 847—Wis. 408

CONNECTICUT BROACH CO.

25 Pequot Ave.
New London, Conn.

CONNECTICUT TOOL & ENGINEERING CO.

Round Hill Rd.
Fairfield, Conn.
Ga. 81—Ill. 1035—Mass. 230—Mich. 607—
Minn. 288—Mo. 527—N. C. 172—Ohio 937,
1225—Pa. 604, 1100—Wash. 107—
Canada 640

CONRAD MACHINE CO.

800 S. Rte 53
Lombard, Ill.
Ill. 739

CONRAY ELECTRO-MECHANICAL CORP.

Sub. of Continental Technical
Services, Inc.
29 W. Apple St.
Dayton 2, Ohio
Mo. 248—Ohio 1192, 1193—Pa. 102

MANUFACTURERS

CONSOLIDATED DIAMOND TOOL CORP.

320 Yonkers Ave.
Yonkers 2, N. Y.
(Contact manufacturer direct)

CONSOLIDATED ELECTRODYNAMICS CORP.

360 N. Sierra Madre Villa
Pasadena, Cal.
Cal. 66, 949, 1062—D. C. 24—Fla. 242—
Ga. 74—Ill. 226—Mass. 78—Mich. 281—
Mo. 358—N. J. 189—N. M. 20—
N. Y. 218—Pa. 504, 850—Tex. 141, 533

CONSOLIDATED MACHINE TOOL DIV.

Farrel-Birmingham Co., Inc.
545 Blossom Rd.
Rochester 10, N. Y.
Cal. 296—Conn. 2—Ill. 307—Mich. 18—
N. J. 46—N. C. 147—Ohio 23—Tex. 573

CONTINENTAL MACHINE CO.

2345 W. Nelson St.
Chicago 18, Ill.
Ariz. 45—Cal. 359, 747—Conn. 284—
Fla. 171—Ga. 37—Ill. 653—Iowa 162—
La. 217—Mass. 233—Mich. 553, 983—
Minn. 183—Neb. 32—N. J. 505—
N. Y. 1062—Ohio 62—Pa. 656, 847—
S. C. 1—Tenn. 163—Tex. 194—
Wash. 143—Wis. 393—Canada 366, 421,
457

CONTINENTAL SCREW CO.

459 Mt. Pleasant St.
New Bedford, Mass.
Cal. 153—Colo. 44—Conn. 13—
Ill. 817—Mass. 307, 453—Mich. 75,
282—Mo. 19—N. J. 274, 454—
N. M. 17—N. Y. 742, 1313—
N. C. 210—Ohio 1507—Tenn. 16—
Tex. 163—Wash. 71

CONTROL

A Div. of Magnetics, Inc.
Butler, Pa.
Cal. 974, 998—Conn. 274—Ill. 815—
Ind. 248—Mass. 389—Mich. 1295—
N. J. 427—N. Y. 281, 408—Ohio 257,
1040, 1080—Pa. 814—Canada 369

CONWAY CLUTCH CO., THE

2745 Colerain Ave.
Cincinnati 25, Ohio
(Contact manufacturer direct)

COOK'S SONS, INC., ADAM

5 N. Stiles St.
Linden, N. J.
(Contact manufacturer direct)

COOLANT EQUIPMENT CORP.

Verona Ave.
Verona 6, Wis.
Ariz. 113—Cal. 211, 1272—Conn. 260,
477—D. C. 84—Ill. 665, 750—
Ind. 312—Kan. 98—La. 19, 29, 56,
184—Mass. 431—Mich. 40, 646,
622—Minn. 183—Mo. 31, 66—
N. J. 29, 502—N. M. 33—N. Y. 549—
Ohio 825, 1391—Okla. 85, 104, 128, 147—
Ore. 174—Pa. 275—Tex. 4, 121, 218,
297, 676, 774, 833, 858—Wash. 274—
Wis. 311—Canada 355, 500

COOLEY ELECTRIC MANUFACTURING CORP.

38 S. Shelby St.
Indianapolis 7, Ind.
Cal. 1459—N. Y. 117—Ohio 729—
R. I. 6—Tenn. 56

COOPER WEYMOUTH, INC.

600 Honeyspot Rd.
Stratford, Conn.
Cal. 74, 254, 659, 1265, 1368—
Conn. 15—Ill. 763—Ind. 24, 227—
Kan. 79—Mich. 734, 1162—
Minn. 167—Mo. 521—N. Y. 1484—
Ohio 1413—Pa. 590, 1033—
Wis. 218—Canada 162

CORCO TOOL CO.

See Inspection Devices Co., Inc.

CORLETT-TURNER CO.

9145 King St.
Franklin Park, Ill.
Cal. 693—Conn. 488—Mich. 203—
N. Y. 1320

CORTLAND GRINDING WHEELS CORP.

Chester, Mass.
Conn. 408—Ill. 765—Ind. 276—
Mich. 130, 887, 1021, 1251—
Minn. 51, 290—Mo. 567—N. J. 407—
N. Y. 544, 1662—Ohio 93, 1217—
Pa. 363, 1127—R. I. 10—S. C. 61—
Tex. 431, 741—Wis. 332, 461

COSA CORP.

465 Lexington Ave.
New York 17, N. Y.
Cal. 801, 1423—Conn. 251—Ill. 468—
Ind. 296—Mich. 287—N. J. 22,
628—N. Y. 517, 1395, 1693—
Ohio 588—Pa. 195, 804

COULTER MACHINE CO., THE JAMES

136 James St. - P. O. Box 6218
Bridgeport 6, Conn.
Ala. 102—Cal. 523, 1207—Ill. 308—
Ind. 352—La. 184—Mich. 392—
Mo. 103—N. Y. 198—Ohio 648, 819—
Pa. 712—Wash. 143—Canada 311

COUSE & BOLTEN CO.

42 Lafayette Ave.
Newark, N. J.
(Contact manufacturer direct)

COVEL MANUFACTURING CO.

Graham Ave. at North Shore Dr.,
P. O. Box 116
Benton Harbor, Mich.
Ariz. 99—Cal. 753, 1310—Colo. 70—
Conn. 148—D. C. 91—Fla. 112—
Ga. 207—Idaho 13—Ill. 402—
Ind. 277—Kan. 78—La. 106—
Md. 206—Mass. 265—Mich. 41, 403—
Minn. 229—Mo. 103, 295—Neb. 46—
N. J. 64—N. Y. 222, 426, 655, 1330—
Ohio 674—Okla. 101—Ore. 153—
Pa. 51—Tenn. 49, 216—Tex. 273,
685, 858—Wash. 274—Wis. 50, 69,
139—353—Canada 182, 311, 492,
532

CRAFTTOOLS, INC.

396 Broadway
New York 13, N. Y.
Mich. 1112

CRAFTS CO., INC., ARTHUR A.

603 Newbury St.
Boston 15, Mass.
(See advertisement p. 557)
Conn. 439—Ill. 1235—Mich. 289—
Pa. 387—Vt. 15

CRABINE-SCHWARTZ DIAMOND TOOL CO.

8100 Lyndon
Detroit 38, Mich.
Iowa 64—Ohio 366—Tex. 115

CRALEY AND SON, A. B.

60 Knight Ave.
Clementon, N. J.
(Contact manufacturer direct)

CRALEY MANUFACTURING CO., C. C.

P. O. Box
Shillington, Pa.
Cal. 600, 672, 819, 1042—Mass. 541—
Minn. 166, 216—Utah 101—
Wash. 143—Wis. 44

CRANE PACKING CO.

8400 Oakton St.
Morton Grove, Ill.
Cal. 854, 1473—Colo. 52—Fla. 51,

218—Ill. 845, 1017—Ind. 205,
530—Iowa 150—Kan. 40—Ky. 45—
La. 9—Md. 46—Mass. 291, 404—
Mich. 290, 930—Minn. 26—Mo. 362—
N. J. 165—N. Y. 223, 387, 1297—
Ohio 208, 589—Okla. 75—Pa. 65,
854—Tenn. 11, 139—Tex. 15, 40,
145, 536, 770, 803—Wash. 103—
W. Va. 16—Wis. 57, 160—Canada 191

CRATEX MANUFACTURING CO., INC.

1600 Rollins Rd.
Burlingame, Cal.
Cal. 87, 1499—Conn. 271—Ill. 273—
Md. 61—Mass. 159—N. J. 466—
Ohio 1200—Okla. 22—Tex. 685

CRAYTON CO., F. M.

2024 S. Aiken St.
Philadelphia 42, Pa.
Ga. 42—La. 192—Mich. 519, 718,
962, 1163, 1194—Minn. 183—
N. Y. 688, 1245—N. C. 137—Ohio 74,
933, 1314—Pa. 5, 509, 626—
Va. 136—Wis. 376

CRITERION MACHINE WORKS

765 W. 16th St.
Costa Mesa, Cal.
Ala. 64—Cal. 4, 1470—Colo. 83—
Conn. 477—Fla. 336—Ga. 219—
Ill. 813—Ind. 235—Iowa 109—
Kan. 77—Mich. 668—Mo. 66, 466—
N. Y. 684, 1312—N. C. 91—Ohio 484,
1237—Okla. 111—Pa. 575, 1087—
Tex. 339, 747—Utah 81—Wash. 235

CROBALT, INC.

2800 S. State St.
Ann Arbor, Mich.
Ala. 64—Cal. 145—Conn. 84, 488—
Ill. 482, 813—Ind. 591—
Mich. 1371—Mo. 172—N. Y. 649,
760, 1699—Ohio 128—Ore. 122—
Pa. 154, 358, 1151—Tex. 623—
Wis. 102—Canada 185

CROSSBY MACHINE TOOL CO.

4915 San Fernando Rd.
Glendale 4, Cal.
(Contact manufacturer direct)

CROSS CO., THE

P. O. Box 3835 - Park Grove Station
Detroit 5, Mich.
(Contact manufacturer direct)

CROWN INDUSTRIAL PRODUCTS CO.

713 Amsterdam St.
Woodstock, Ill.
(Contact manufacturer direct)

CROZIER MACHINE TOOL CO.

684 N. Prairie Ave.
Hawthorne, Cal.
Ariz. 39, 112—Cal. 81, 122, 214, 230,
326, 427, 496, 523, 599, 600, 606,
633, 687, 745, 794, 801, 846,
1469—Colo. 83—Conn. 477—
Fla. 182—Iowa 107—N. Y. 684—
Tex. 190—Canada 477, 587

CRUCIBLE STEEL CO. OF AMERICA

P. O. Box 2518
Pittsburgh 30, Pa.
Cal. 429, 1174—Colo. 53—Conn. 326—
D. C. 25—Fla. 307—Ill. 234, 1153—
Ind. 208—Md. 47—Mass. 82, 514—
Mich. 293, 931—Minn. 73—Mo. 84,
363—N. J. 184—N. Y. 224, 1524—
N. C. 48—Ohio 210, 1071, 1196, 1540,
1580—Okla. 76—Ore. 70—Pa. 856,
1166—R. I. 42—Tex. 146, 539—
Utah 36—Wash. 104—Wis. 162—
Canada 344

CRYSTAL LAKE GRINDERS

210 N. Walkup Ave.
Crystal Lake, Ill.
Ariz. 90—Cal. 359, 1310—Mass. 69—
Mich. 701—Minn. 109—N. J. 201—
N. Y. 468, 1267—Ohio 377, 1255—
Ore. 17—Pa. 604—Wash. 143—
Wis. 320

CUMBERLAND STEEL CO.

101 Williams St. - P. O. Box 28
Cumberland, Md.
Ala. 155—Cal. 841, 1243—Conn. 50—
Fla. 119, 134, 213, 337—Ga. 234—
Ill. 190—Ky. 96—La. 189—Me. 20—
Md. 3, 82, 181—Mass. 19, 111, 237—
N. J. 215, 223—N. Y. 335—N. C. 53—
Ohio 396, 517—Ore. 123—Pa. 464,
678, 999, 1356—R. I. 40—Tex. 426—
Wash. 189—W. Va. 37—Canada 354,
558

CUNNINGHAM CO., M. E.

1025 Chateau St.
Pittsburgh 33, Pa.
Cal. 596, 1282—Colo. 183—Fla. 3—
Ga. 89—Ill. 508, 510, 960—Ind. 87,
185—Kan. 126—Ky. 101—La. 193—
Mass. 510—Mich. 529, 719, 1208—
Minn. 311—Mo. 42, 443, 529—
Mont. 4—Neb. 66—N. Y. 259, 948,
1339, 1358—Ohio 21, 360, 399, 551,
630, 1084, 1201, 1449, 1689, 1737—
Okla. 111—Pa. 190, 686, 905, 1101—
Tenn. 84, 109—Tex. 142, 449, 585—
Utah 85—Va. 99—Wash. 240, 361—
Wis. 330, 454—Canada 183

CUNO ENGINEERING CORP., THE

80 S. Vine St.
Meriden, Conn.
Ala. 56—Cal. 88, 1407—Colo. 111—
Ga. 76—Ill. 531—Ind. 186—La. 11,
104, 212—Mass. 443—Mich. 360—
Mo. 195, 408—Neb. 43—N. Y. 225,
664, 945, 1173, 1523—N. C. 262—
Ohio 211, 591—Okla. 87—Ore. 127—
Pa. 45, 860—Tenn. 116—Tex. 165,
373, 559, 783, 840—Utah 92—
Wash. 195—Canada 10, 26, 78, 118,
146, 294, 419, 597, 662

CURTIS MACHINE DIV.

See The Carborundum Co.

CURTIS MANUFACTURING CO.

1905 Kienlen Ave.
St. Louis 20, Mo.
Ariz. 51—Cal. 57, 610—Fla. 118—
Ga. 162—Ill. 232—Kan. 50—
Mass. 26—Mich. 492—Minn. 161—
N. Y. 810—Ohio 58—Ore. 69—
Pa. 333, 454—Va. 75

CURTIS MANUFACTURING CO.

Pneumatic Div.
1905 Kienlen Ave.
St. Louis 20, Mo.
Colo. 219—Fla. 118—Ill. 237—
Kan. 50—Mass. 26—Minn. 161—
N. Y. 810—Ohio 58—Pa. 333—
Tex. 342

CURTIS MANUFACTURING CO.

See Also Lewis Machine Co.

CURTIS UNIVERSAL JOINT CO., INC.

37 Birnie Ave.
Springfield 7, Mass.
(Contact manufacturer direct)

CURTISS-WRIGHT CORP.

Princeton Div.
P. O. Box 110
Princeton, N. J.
Cal. 855

CURVIT CORP.

Plainville, Mass.
Conn. 487—Mass. 171—Mich. 843—
N. Y. 277, 1062, 1393, 1598—
Ohio 346, 819, 1282

CUSANITE CORP., THE

1228 Utica Ave.
Brooklyn 3, N. Y.
Cal. 334

CUSHMAN CHUCK CO., THE

806 Windsor St.
Hartford 2, Conn.
(See advertisement p. 4)
Cal. 81, 326, 409, 457, 523, 536,
597, 704, 753, 794, 1070, 1151, 1162,
1205, 1252, 1343, 1490—Colo. 88—
Conn. 510—Ga. 58—Ill. 810—
Ind. 441—Kan. 45—La. 100—
Mich. 73, 409—Minn. 216—Mo. 103,
106—Neb. 46—N. Y. 1559—Ohio 380,
1015, 1128, 1225, 1474, 1639—
Okla. 131—Ore. 153—Pa. 1097—
Tex. 255, 463, 464, 685, 747—
Wash. 86, 143, 349—W. Va. 12—
Wis. 433

CUSTOM SCIENTIFIC INSTRUMENTS, INC.

541 Devon St.
Kearny, N. J.
(Contact manufacturer direct)

CUTLER-HAMMER, INC.

See Airborne Instruments Laboratory

— D —

DCMT SALES CORP.

Div. of British Industries Corp.
80 Shore Rd.
Port Washington, L. I., N. Y.
Cal. 727—Ga. 63—Ill. 1031—Ind. 267,
543—Mass. 215—Mich. 983—
Minn. 229—Mo. 606—N. J. 443—
Pa. 58, 603

D & M GUARD CO.

897 Military Rd.
Buffalo 17, N. Y.
(Contact manufacturer direct)

DACO METAL PRODUCTS

2976 Williams St.
San Leandro, Calif.
(Contact manufacturer direct)

DAHLSTROM MACHINE WORKS, INC.

4227 Belmont St.
Chicago 41, Ill.
(Contact manufacturer direct)

DAKE CORP.

638 Robbins Rd.
Grand Haven, Mich.
Cal. 11, 897—Colo. 25—Ga. 344—
Ill. 109—Ind. 580—Kan. 52—
Mich. 902, 1138, 1284—N. J. 105—
Ore. 28—Tex. 423—Wis. 466—
Canada 235

DAKON CORP.

1836 Gilford Ave.
New Hyde Park, N. Y.
(Contact manufacturer direct)

DALZEN MANUFACTURING CO.

4600 Bree Rd.
St. Clair, Mich.
(Contact manufacturer direct)

DANLY MACHINE SPECIALTIES, INC.

2100 S. Laramie Ave.
Chicago 50, Ill.
Cal. 457, 526, 1207—Colo. 75—
Fla. 45, 311—Ga. 42—Ill. 486—
Ind. 210, 236—Iowa 25, 109—
Kan. 93—Mass. 69—Mich. 295, 843,
932—Minn. 216, 316—Mo. 148, 225,
355, 365—Neb. 32—N. Y. 226, 583,
1062, 1301—Ohio 595, 1196—
Okla. 22—Pa. 506, 1317—Tenn. 148,
233—Tex. 254, 339, 654—Va. 52—
Wis. 71, 166

DAUB BROTHERS CO.

2 W. 46th St.
New York 36, N. Y.
(Contact manufacturer direct)

DAUBERT CHEMICAL CO.

4700 S. Central Ave.
Chicago 38, Ill.
(Contact manufacturer direct)

DAVIS BORING TOOL DIV.

Ciddings & Lewis Machine Tool Co.
475 S. Seymour St.
Fond Du Lac, Wis.

(See advertisement p. 131-132)

Ala. 102—Ariz. 88—Cal. 434, 1177—
Colo. 125—Fla. 45—Ga. 181—
Ill. 464, 1223—Ind. 465, 467—
Kan. 100—La. 100, 214—Mass. 340—
Mich. 156—Minn. 216—Mo. 167,
454—Neb. 46—N. J. 166—
N. Y. 1606—Ohio 140, 487, 1282—
Okla. 101—Ore. 174—Pa. 1021,
1317—Tenn. 34, 163—Tex. 339,
733—Utah 100—Va. 28, 50—
Wash. 274, 363—Wis. 277—
Canada 83, 208, 439, 505, 612

DAVIS GAGE & ENGINEERING CO., A. G.

21435 Dequindre
Hazel Park, Mich.
(See advertisement p. 24)

Cal. 21—Colo. 92—Conn. 106—
Ill. 192—Ind. 4—Md. 200—Mass. 381,
543—Mich. 1054—N. Y. 568—
Ohio 877, 1188—Pa. 148—Wis. 316—
Canada 410

DAVIS KEYSEATER CO.

1239 University Ave.
Rochester 7, N. Y.
Cal. 753—Ga. 58—Canada 477

DAVIS & THOMPSON CO.

4460 N. 124th St.
Milwaukee 18, Wis.
Cal. 1413—Ill. 462—Ind. 307—
Mich. 297, 1027—N. J. 94—
N. Y. 240—Ohio 662, 1610—Pa. 730,
1100—Wis. 276—Canada 482

DAVISON MANUFACTURING CO.

2223 Ramona Blvd.
West Covina, Cal.
(Contact manufacturer direct)

DAYTON CARBIDE TOOL CO., INC.

213 Bruen St., (Box 906)
Dayton 1, Ohio
(Contact manufacturer direct)

DAYTON PERFORATORS, INC.

1336 Stanley Ave.
Dayton 4, Ohio
Cal. 403, 1207—Conn. 330—Ill. 571—
Ind. 256, 496—Kan. 93—Ky. 40—
Md. 61—Mass. 608—Mich. 718, 850,
935—Mo. 5, 94—N. J. 586—
N. Y. 145, 362, 625, 1417, 1466—
Ohio 600, 1219, 1637—Pa. 553, 969,
1337—Tenn. 269—Wis. 376—
Canada 418

DAZOR MANUFACTURING CORP.

4481-99 Duncan Ave.
St. Louis 10, Mo.
(Contact manufacturer direct)

DEAKIN & SON, J. A.

150-28 Hillside Ave.
Jamaica 32, N. Y.
(Contact manufacturer direct)

DEARBORN GAGE CO.

32336 Ford Rd.
Garden City, Mich.
Ariz. 94—Cal. 197, 1470, 1526—
Colo. 38—Conn. 330—Fla. 155—
Ill. 135, 1188—Ind. 487—Iowa 30—
Ky. 127—Mass. 354—Mich. 106, 806,
1324—Minn. 218—Mo. 212—
N. J. 233—N. Y. 568, 1294—
N. C. 26—Ohio 969, 1188, 1630—
Pa. 148—Tenn. 203—Tex. 150—
Va. 66—Wis. 126—Canada 333

MANUFACTURERS

DECHERTS MACHINE SHOP, INC.

713 W. Main St.
Palmira, Pa.

(Contact manufacturer direct)

DECKER CORP., THE

1261 Frankford Ave.
Philadelphia 25, Pa.
Cal. 1178—Mass. 388

DEFIANCE MACHINE AND TOOL CO.

1920 S. Vandeventer Ave.
St. Louis 10, Mo.
Ala. 183—Cal. 588, 1135—Ill. 1240—
Mass. 521—Mich. 872—N. J. 497—
Ohio 1033—Pa. 620—Wash. 375—
Canada 270

DEKALB PRECISION INDUSTRIES

Sycamore Rd., P. O. Box 254
Dekalb, Ill.
Conn. 282—Ill. 747, 1205—Ind. 485—
Mich. 973—N. Y. 1372—Pa. 1200—
Canada 357

DE LAVAL SEPARATOR CO., THE

25 Columbia St.
Poughkeepsie, N. Y.
Cal. 435, 1179—Colo. 55—Conn. 506—
D. C. 23—Fla. 356—Ga. 323—
Ill. 249, 1021—La. 126—Mass. 93—
Mich. 301—Minn. 74—Mo. 89
N. J. 102—Ohio 601—Pa. 47—
Tex. 542—Wash. 109

DELAWARE TOOL STEEL CORP.

3306 Market St.
Wilmington 99, Del.
Cal. 1388—Ill. 445—Pa. 84

DELCO PRODUCTS

Div. General Motors Corp.
329 E. First St.
Dayton 1, Ohio
Ala. 214—Cal. 436, 894—Colo. 56—
Conn. 362—Ill. 250—Ind. 40, 212—
Mass. 377—Mich. 303—Minn. 75—
Mo. 367, 260—N. J. 558—N. Y. 459,
1626—Ohio 214, 602, 1203—
Pa. 863—S. C. 9—Tex. 543—
Wash. 15

DELTA DIAMOND WHEEL CORP.

1403 Utica Ave.
Brooklyn 13, N. Y.
(Contact manufacturer direct)

DELTA FILE WORKS, INC.

4837 James St.
Philadelphia 37, Pa.
(Contact manufacturer direct)

DELTA POWER TOOL DIV.

Rockwell Manufacturing Co.
400 N. Lexington Ave.
Pittsburgh 8, Pa.
(Contact manufacturer direct)

DELUXE METAL FURNITURE CO.

Struthers St.
Warren, Pa.
Ariz. 63—Cal. 438, 1192—Colo. 95,
167—Conn. 130—D. C. 101—
Fla. 249—Ga. 30—Ill. 11, 17, 228,
762—Ind. 26, 331—Kan. 114—
La. 159—Md. 170—Mass. 321—
Mich. 630, 1318—Minn. 296—
Miss. 12—Mo. 115—N. J. 617—
N. Y. 69, 283, 533, 584, 1067, 1270,
1451, 1610—N. C. 59—Ohio 33, 220,
817, 1111, 1191, 1578—Okla. 119—
Pa. 181, 723, 795, 1035, 1246, 1300—
R. I. 59—Tenn. 56, 88, 144—Tex. 209,
399, 538—Utah 72—Va. 5, 78—
Wash. 296—Wis. 386—Canada 211

DELUXE SAW AND TOOL CO.

500 E. Main St.
Louisville 2, Ky.
Cal. 570—Ga. 201—Mass. 7—

Mich. 687—Miss. 18—N. Y. 1302—
N. C. 204—Ohio 911—Tex. 442

DELUXE SERVICE TOOL CORP.

1108 Grand Ave.
North Bergen, N. J.
Del. 11—Ill. 674—Md. 109—N. J. 13,
143, 577—N. Y. 487, 746, 1066—
Ohio 356, 1110—Pa. 696, 1280, 1289,
1350

DENISON ENGINEERING CO.

American Brake Shoe Co.
1182 Dublin Rd.
Columbus 16, Ohio
Cal. 226—Ga. 83—Ill. 251—
Mich. 1359—N. J. 61—Ohio 603, 1074,
1204—Okla. 80—Tex. 153, 545

DENISON MANUFACTURING CO., R. B.

102 St. Clair Ave., N. W.
Cleveland 13, Ohio
Cal. 544, 1255—Ill. 680—Mass. 90—
Mo. 446—N. J. 172—Ohio 636—Pa. 6,
843—Tenn. 19—Wash. 84—
Canada 147

DERBYSHIRE, INC., F. W.

157 High St.
Waltham 54, Mass.
Ariz. 49—Cal. 492, 526, 689—
Colo. 105—Conn. 58, 477—Md. 135—
Minn. 109—N. J. 29, 201, 331—
N. Y. 106, 388, 684, 1063, 1126,
1611—Ohio 1138—Okla. 131—
Tex. 273—Canada 612, 639, 640

DERY & SONS TOOL & DIE CO., A. L.

Main St.
Pine Meadow, Conn.
(See advertisement p. 26)
Cal. 606, 822—Conn. 54, 258, 491—
Fla. 182—Ill. 243—Ind. 320—
Md. 25—Mass. 510, 679—Mich. 616,
1213—Minn. 288—Mo. 469, 470,
505—N. J. 263—N. Y. 306, 615,
1678—Ohio 52, 279, 445, 946, 1611—
Pa. 1149—Tex. 160—Wis. 368

DeSANTO & SON INC., A. P.

Phoenixville, Pa.
Ala. 221—Cal. 783—Ill. 252—
Ind. 411—Ky. 142—Mich. 307—
Ohio 604—Pa. 865

De SILVEY CORP., THE

200 Pennsylvania Ave.
East Aurora, N. Y.
Mass. 329—Ohio 96

DESMOND-STEPHAN CO., THE

S. Walnut St.
Urbana, Ohio
Cal. 736, 891—Colo. 180—Ill. 358,
436, 723—Kan. 21—La. 75—
Mass. 602—Minn. 237—Neb. 19—
N. Y. 829—Tex. 164, 374—Wash. 248

DESSAU CO. INC., MAURICE S.

589 Fifth Ave.
New York 17, N. Y.
(Contact manufacturer direct)

DETREX CHEMICAL INDUSTRIES, INC.

14331 Woodrow Wilson, P. O. Box 501
Detroit 32, Mich.
Cal. 440, 1011—Colo. 57—Conn. 43,
179—Ga. 84—Ill. 253, 847, 1218,
1251—Ind. 23, 72, 214, 490, 512—
Iowa 17, 145—Ky. 6—Md. 51—
Mass. 84—Mich. 4, 22, 308, 856, 901,
937, 1080, 1115, 1196, 1306, 1341,
1351—Mo. 91, 360—N. J. 134, 601—
N. Y. 229, 668, 1525—N. C. 12, 263—
Ohio 18, 55, 97, 216, 607, 1075, 1357,
1427, 1447, 1456, 1594, 1705—
Pa. 511, 866, 1177—R. I. 43—
Tenn. 13—Tex. 154—W. Va. 75—
Wis. 58, 82, 170

DETROIT ABRASIVES CO.

11910 Dexter—Chelsea Rd.
Chelsea, Mich.
(Contact manufacturer direct)

DETROIT BORING BAR CO., THE

690 E. Fort St.
Detroit 26, Mich.
Ill. 1208—Mich. 885—N. J. 379—
Wis. 444

DETROIT BROACH & MACHINE CO.

950 S. Rochester Rd.
Rochester, Mich.
Ala. 64—Cal. 21—Colo. 63—Fla. 23—
Ga. 58—Ill. 811, 870—Ind. 223—
Kan. 100—Ky. 177—La. 192—
Mass. 142—Mich. 83, 855—
Minn. 180—Mo. 167, 454—N. J. 335—
N. Y. 370, 1428—N. C. 114—Ohio 877,
1325, 1564—Okla. 138—Pa. 110,
1155—R. I. 84—Tenn. 124—
Tex. 339—Wis. 244—Canada 311

DETROIT CAM & TOOL CO.

2305 Goodrich Ave.
Ferndale 20, Mich.
(Contact manufacturer direct)

DETROIT DIE SET CORP.

2895 W. Grand Blvd.
Detroit 2, Mich.
Ala. 137—Cal. 510—Colo. 83—
Ga. 78—Ill. 43, 871, 906—Ind. 200—
Iowa 29—Kan. 85—Mich. 837—
Minn. 198—Miss. 94, 470—N. J. 305—
N. Y. 244—Ohio 392, 1260, 1582—
Pa. 399, 1102—Tenn. 269—
Wash. 54—Wis. 410

DETROIT FLAME HARDENING CO.

17644 Mt. Elliott
Detroit 12, Mich.
Ind. 18

DETROIT HARVESTER CO.

See Pioneer Pump Div.

DETROIT MOLD ENGINEERING CO.

6686 E. McNichols Rd.
Detroit, Mich.
(See advertisement p. 126)
Cal. 442—Conn. 426—Ill. 254—
N. J. 197—Ohio 594, 1197—
Canada 346

DETROIT POWER SCREWDRIVER CO.

2801 W. Fort St.
Detroit 16, Mich.
Ala. 101—Cal. 860, 910—Colo. 136—
Conn. 302—Fla. 40—Ill. 1035—
Ind. 402—Ky. 129—Mich. 519, 978—
Minn. 175—Mo. 420—N. Y. 310, 950,
1361—N. C. 270—Ohio 118, 462, 773,
1725—Pa. 546, 806—Tenn. 163—
Tex. 194—Wash. 354—Wis. 306—
Canada 182, 311, 492, 532

DETROIT REAMER & TOOL CO.

780 W. Maple Rd., P. O. Box 174
Birmingham, Mich.
(See advertisement p. 601)
Cal. 819, 1470—Conn. 401—Fla. 5—
Ga. 322—Ind. 156, 526—Ky. 58—
Mich. 97, 948—N. Y. 249—Ohio 484—
Pa. 398, 833, 1302—Tex. 366—
Utah 74—Wash. 235

DETROIT STAMPING CO.

350 Midland Ave.
Detroit 3, Mich.
(See advertisement p. 123)
Ala. 51—Ariz. 89—Cal. 184, 807, 1029,
1356—Colo. 23—Conn. 337—
Fla. 336—Ga. 193—Ill. 585, 1175—
Ind. 110, 240, 545—Iowa 56—Kan. 85—
Ky. 81—Mass. 385, 541—Minn. 183—
Mo. 108, 148, 477—N. Y. 332, 688, 1417,
1558—Ohio 519, 716, 1179, 1591—
Ore. 195—Pa. 539, 1056—R. I. 31—
Tenn. 177, 233—Tex. 339, 549—
Utah 2—Va. 66—Wash. 322, 368—
Wis. 408—Canada 478, 518, 640

DETROIT TAP & TOOL CO.

8615 E. Eight Mile Rd.
Warren, Mich.

(Contact manufacturer direct)

DETTORBECK CO., GEORGE L.

1871 Clybourn Ave.
Chicago 14, Ill.
Cal. 358

DE VAN-JOHNSON CO.

567 Rathbone Ave.
Aurora, Ill.
Cal. 570, 1227—Colo. 213—Fla. 238—
Ill. 186—Md. 132—Mass. 399—
Mich. 804—Minn. 64—N. Y. 1032—
Ohio 124—Pa. 313—S. C. 67—
Tenn. 260, 272—Tex. 287—
Canada 343

DEVCON CORP.

See Chemical Development Corp.

DeVILBISS CO., THE

300 Phillips Ave.
Toledo 1, Ohio
Cal. 443, 1371—Ga. 85—Ill. 255—
Mich. 316, 939—Minn. 77—Mo. 92,
370—N. J. 529—Ohio 608—Pa. 512,
867—Tex. 155—Wis. 171

DeVlieg MACHINE CO.

Fair St.
Royal Oak, Mich.
Ala. 137—Cal. 466, 1207—
Colo. 105—Fla. 355—Ga. 82—
Ill. 462—Ind. 307—Kan. 80—La. 86—
Mass. 230—Mich. 607—Minn. 86—
Mo. 108, 627—Neb. 32—N. J. 67—
N. Y. 195, 1348, 1585—N. C. 89—
Ohio 254, 659, 1225, 1505—
Okla. 132—Pa. 712, 1069—Tenn. 71,
234—Tex. 115, 520—Utah 54—
Va. 8—Wash. 107—Wis. 276—
Canada 98, 226, 476, 516, 638

DeVlieg MICROBORE DIV. OF

DeVlieg Machine Co.

Fair St.
Royal Oak, Mich.

(See advertisement inside front cover)

Ala. 137—Cal. 672, 1377—
Colo. 105—Conn. 232—Fla. 355—
Ga. 82—Ill. 1047—Ind. 3, 156—
Kan. 80—La. 87—Mass. 263—
Mich. 718—Minn. 166—Mo. 108,
527—Neb. 32—N. Y. 362, 681,
1417—N. C. 89—Ohio 1038, 1161,
1505—Okla. 132—Pa. 1185, 1256—
S. C. 61—Tenn. 71, 234—Tex. 115,
520—Utah 54—Va. 8—Wash. 107—
Wis. 102—Canada 98—226, 476, 516,
638

DEWALT, INC.

American Machine and Foundry Co.
1610 Fountain Ave.
Lancaster, Pa.

DEWILDE-JONES INC.

1476 18th Ave., P. O. Box 231
San Francisco 1, Cal.
Cal. 334—Conn. 5—D. C. 89

DEWITT EQUIPMENT CORP.

190 Elizabeth Ave.
Newark 8, N. J.
Cal. 444—N. J. 329—N. Y. 817

DEXCO CORP.

Raymac Div.
15490 Dale Ave.
Detroit 23, Mich.
(See advertisement p. 68)
Ariz. 33, 108—Cal. 230, 697, 1017,
1470—Colo. 102—Conn. 232—
D. C. 42—Fla. 327—Ga. 247—
Ill. 639, 758—Ind. 110—Md. 78—
Mass. 263—Mich. 645, 976, 1299—
Minn. 196—N. H. 18—N. J. 155—

N. Y. 462, 1199, 1227—Ohio 345,
472, 1624—Ore. 61—Pa. 1004—
Wash. 258—Wis. 299—Canada 155

DEZURIK CORP.

Sartell, Minn.
Cal. 261, 1240—Colo. 159—
Conn. 446—Fla. 265, 270—Ga. 76—
Ill. 321—La. 142—Md. 67—
Mich. 277—Minn. 193—Mo. 174,
570—Neb. 36, 52—N. J. 170—
N. Y. 832, 1571—N. C. 72—Ohio 384,
974, 166—Ore. 162—Pa. 365, 370,
949, 1104—S. D. 4—Tenn. 150—
Tex. 56, 677—Utah 91—Va. 116—
Wash. 79, 289—W. Va. 29—
Wis. 178—Canada 41, 117, 338, 603

DIACRAFT, INC.

26538 W. Seven Mile Rd.
Detroit 40, Mich.
Ind. 326—Mass. 18—Mich. 110, 152,
793—N. J. 150—N. Y. 548—Ohio 619,
1188

DIAMOND EXPANSION BOLT CO., INC.

500 North Ave.
Garwood, N. J.
(Contact manufacturer direct)

DIAMOND MACHINE TOOL CORP.

5111 Coffman-Pico Rd.
Pico-Rivera, Cal.
(Contact manufacturer direct)

DIAMOND POWER SPECIALTY CORP.

Electronics Div.
P. O. Box 415
Lancaster, Ohio
(Contact manufacturer direct)

DIAMOND PRODUCTIONS, INC.

64 W. Second St.
Clifton, N. J.
(Contact manufacturer direct)

DIAMOND SAW WORKS, INC.

Chaffee, N. Y.
Cal. 1, 90, 262, 401, 957—Idaho 7—
Ill. 426, 529, 1199, 1243—Ind. 216—
Kan. 101—Ky. 20—Md. 183—
Mass. 530, 636—Mich. 11, 127, 755—
Minn. 27—Mo. 16, 200—Mont. 18—
N. J. 316—N. M. 58—N. Y. 54, 63,
357, 1452, 1528—Ohio 107, 822—
Okla. 128—Ore. 3, 103—Pa. 395,
1151, 1299, 1335—R. I. 66—
Tex. 285, 623—Va. 149—W. Va. 51—
Wis. 351

DIAMOND TOOL RESEARCH CO., INC.

380 Second Ave.
New York 10, N. Y.
Ariz. 108—Cal. 445, 634—
Conn. 145—N. C. 114—Pa. 514

DIAMONITE PRODUCTS MANUFACTURING CO.

Shreve, Ohio
(Contact manufacturer direct)

DICE CO., J. W.

16 Highwood Ave.
Englewood, N. J.
(See advertisement p. 553)
Ill. 679—Mich. 175—N. J. 135

DICKERMAN MANUFACTURING CO., H. E.

321 Albany St.
Springfield 4, Mass.
(Contact manufacturer direct)

DIE-DRAULIC GRIP, INC.

1440 Front Ave., N. W.
Grand Rapids 4, Mich.
(Contact manufacturer direct)

DIE SUPPLY DIV.

E. W. Bliss Co.
1460 Brookpark Rd.
Cleveland 9, Ohio
Ala. 64—Cal. 74, 1368—Conn. 177—
Ill. 256—Iowa 44—Mich. 216, 913—
Minn. 183—Mo. 103, 531—N. C. 26—
Ohio 1179

DIEFENDORF GEAR CORP.

P. O. Box 934
Syracuse 1, N. Y.
(Contact manufacturer direct)

DIEHL MANUFACTURING CO.

1230 Finderne Ave.
Somerville, N. J.
Cal. 449, 527, 1220—Colo. 193—Fla. 89—
Ga. 273—Ill. 257—Kan. 11—La. 91—
Md. 52—Mass. 405—Mich. 201—Mo. 440—
N. Y. 818, 1527—N. C. 50—Ohio 217, 253,
592, 610—Ore. 115—Pa. 515, 906—
Tex. 84—Wis. 173

DIESEL CONTROL CORP.

See Marine Pumps, Inc.

DIETERT CO., HARRY W.

9330 Roselawn Ave.
Detroit 4, Mich.
Ala. 100—Cal. 303, 363, 552—Conn. 22—
Ill. 371—Ind. 181—Mich. 721—Minn. 104—
Mo. 312, 525—N. J. 452—N. Y. 547—
Ohio 270, 643, 1499—Tex. 690—Wis. 209—
Canada 184, 325

DIETZGEN CO., EUGENE

2425 N. Sheffield Ave.
Chicago 14, Ill.
Cal. 450, 1181—Colo. 58—D. C. 28—
Fla. 245—La. 97—Mich. 321—Mo. 95—
N. Y. 821—Ohio 219—Pa. 516, 869—
Wash. 112—Wis. 174

DILLON & CO. INC., W. C.

14620 Keswick St.
Van Nuys, Cal.
(Contact manufacturer direct)

DISSTON DIV.

H. K. Porter Co., Inc.
Milnor & Unruh St.
Philadelphia 35, Pa.
Cal. 451, 833, 1182—Ill. 259—N. Y. 823—
Tex. 157—Wash. 113

DISTEL TOOL & MACHINE CO.

12800 E. Ten Mile Rd., P. O. Box 3834,
Pargrove Sta.
Warren, Mich.
(Contact manufacturer direct)

DI-TRU DIAMOND TOOL CO.

30-83 21st St.
Long Island City 2, N. Y.
(Contact manufacturer direct)

DITTMORE-FREIMUTH CORP.

2517 E. Norwich St.
Milwaukee 7, Wis.
(Contact manufacturer direct)

DIVERSEY CORP., THE

1820 W. Roscoe St.
Chicago 13, Ill.
Ariz. 23—Cal. 163, 248, 281, 811, 861, 1183,
1316, 1455—Fla. 53—Ga. 86—Ill. 536, 775,
883, 900, 918, 955, 975—Ind. 138, 260, 471—
Kan. 43—Ky. 51—Mass. 226, 485—
Mich. 323, 916, 1165—Minn. 79, 255—
Mo. 14—Neb. 33—N. J. 330, 528—
N. Y. 396, 566, 1237—Ohio 32, 612, 1126,
1550—Pa. 186, 753—Tex. 877—Wis. 474

DIXIE TOOL INDUSTRIES

4555 W. Franklin
Bridgeport, Mich.
Ariz. 94—Cal. 398, 878—Conn. 245—
Ill. 206, 1225—Ind. 211—Iowa 25—

MANUFACTURERS

DIXIE TOOL INDUSTRIES (cont.)

Kan. 100—Mass. 354—Mich. 29, 229, 896,
1085—Mo. 167, 454—N. Y. 407, 1630, 1688—
Ohio 480, 1240—Okla. 147—Pa. 1258—
Utah 26—Vt. 18—Wis. 288

DIXON AUTOMATIC TOOL, INC.

2300 23rd Ave.
Rockford, Ill.
(Contact manufacturer direct)

DIXON & RIPPEL, INC.

10 First St.
Saugerties, N. Y.
Cal. 1154, 1173—Conn. 429—Ind. 359—
Mass. 206, 232—Mo. 542—N. Y. 701, 1096—
Pa. 645—Tex. 184—Wash. 81

DoALL CO., THE

254 N. Laurel Ave.
Des Plaines, Ill.
(See advertisement p. 43)

Ala. 53—Cal. 452, 1064, 1184—Colo. 61—
Conn. 454—Ga. 90—Ill. 260, 1154—
Ind. 215—Iowa 53—Md. 53—Mass. 437—
Mich. 324, 941—Minn. 80—Mo. 97, 371—
N. J. 435—N. Y. 230, 585, 1529—N. C. 52—
Ohio 221, 613, 1208, 1595—Okla. 81—
Pa. 518, 871—Tenn. 236—Tex. 158, 547—
Wash. 114—Wis. 175—Canada 350, 557

DOCKSON CORP.

3839 Wabash Ave.
Detroit 8, Mich.
(Contact manufacturer direct)

DODGE MANUFACTURING CORP.

S. Union St.
Milwaukee, Ind.
Cal. 1185—Ill. 263—N. Y. 824—Pa. 872—
Tex. 159

DOERR ELECTRIC CORP.

Cedarburg, Wis.
(Contact manufacturer direct)

DONLEY PRODUCTS, INC.

Jergens Div.
11106 Avon Ave.
Cleveland 5, Ohio
Ala. 6—Ariz. 39—Cal. 496, 1252—
Conn. 219, 307, 402, 433—Ill. 426, 1012—
Ind. 250—Me. 2—Md. 36—Mass. 183, 685—
Mich. 770—N. J. 254, 403, 423—N. Y. 37,
363, 605, 1117, 1246—Ohio 279, 999, 1243—
Pa. 575, 1056—R. I. 77—Tenn. 49, 216—
Wis. 424—Canada 49, 182, 311, 492, 532

DONOVAN MANUFACTURING CO.

80 Batterymarch St.
Boston 10, Mass.
(Contact manufacturer direct)

DORSEY GAGE CO., INC.

Dorsey La.
Hyde Park, N. Y.
Cal. 455—Ill. 268—Ind. 217, 532—Md. 54—
Mass. 85—Mich. 328—N. Y. 520, 825—
Ohio 224, 615—Pa. 519, 875—Tex. 551—
Wash. 115—Wis. 180

DOVER CORP.

See Rotary Lift Co.

DOW CHEMICAL CO., THE

Hopkins Bldg.
Midland, Mich.
Cal. 456, 685, 1188—Ga. 92, 324—Ill. 270,
323—La. 103—Md. 41—Mass. 86—
Mich. 285, 329—Minn. 81—Mo. 374, 422—
N. J. 45, 257—N. Y. 231, 827—N. C. 53—
Ohio 225, 616—Pa. 876—Tex. 160, 351,
552—Wash. 54, 116

DOW CORNING CORP.

Midland, Mich.
Cal. 3—Ga. 93—Ill. 271—Md. 210—
Mass. 87—N. Y. 828—Ohio 617—Tex. 161

DOW FURNACE CO., THE

12045 Woodbine Ave.
Detroit 39, Mich.
Conn. 210—Ill. 301—Ind. 465—N. J. 603—
N. Y. 1396—Ohio 585

DOW MECHANICAL CORP.

33 N. River St.
Thompsonville, Conn.
(Contact manufacturer direct)

DREIS & KRUMP MANUFACTURING CO.

7400 S. Loomis Blvd.
Chicago 36, Ill.
Ala. 79—Cal. 619, 1207—Colo. 83—
D. C. 51—Fla. 124, 171—Ga. 18
Idaho 11—Ill. 20, 193, 400, 462, 789, 794—
Ind. 28, 267—Iowa 9—Ky. 84—La. 166,
224—Mass. 230—Mich. 403—Minn. 171,
291, 316—Mo. 103, 460, 470—Neb. 42—
N. J. 140, 350, 389—N. Y. 609, 855, 1157,
1348, 1563—N. C. 158—Ohio 196, 795, 1136,
1225—Okla. 22, 104—Ore. 37, 147—
Pa. 1100, 1306—Tenn. 258—Tex. 112, 654,
747, 864—Wash. 225, 228—Wis. 344—
Canada 99, 477

DREMEL MANUFACTURING CO.

3400 18th St.
Racine, Wis.
(Contact manufacturer direct)

DREWCO CORP.

1600 Junction Ave.
Racine, Wis.
Iowa 51—Mich. 229—Minn. 183—
Mo. 469—Ohio 1262, 1681—Pa. 1030—
Wis. 453

DRILLMATION CO., INC.

6500 E. Eleven Mile Rd., P. O. Box 98
Center Line, Mich.
(See advertisement p. 139)

Ala. 136—Ariz. 56, 86—Cal. 301, 829—
Colo. 207—Conn. 380—Ga. 148—Ill. 272,
982—Ind. 139—Mass. 263—Mich. 884—
Minn. 183, 288, 299—Miss. 23—Mo. 470—
N. J. 210—N. Y. 162, 273, 342, 383, 442,
451, 1257, 1359, 1493, 1544—Ohio 215, 1107,
1278, 1529—Pa. 169, 178, 279, 644, 1102,
1217—Tenn. 162—Tex. 1, 214, 241, 604,
676—Utah 26—W. Va. 12—Wis. 139—
Canada 165

DRILLUNIT, INC.

3267 Wight St.
Detroit 7, Mich.
Ill. 1083—Ind. 250—Mich. 786—Ohio 674

DRIVE-ALL MANUFACTURING CO.

3400 Conner Ave.
Detroit 15, Mich.
Cal. 254, 1265—Colo. 142—Conn. 416—
Ill. 262, 273, 660—Ind. 565—Mass. 235,
264—Mich. 331, 714—N. J. 561—N. Y. 332,
432, 1028—Ohio 430, 791, 1331—Pa. 598,
926, 1291—Tex. 401, 628—Utah 65—
Canada 82, 207, 392, 606

DUFF-NORTON CO.

See Coffing Hoist Div.

DUKES CO., INC.

3999 N. 25th Ave.
Schiller Park, Ill.
Cal. 41, 1293—Colo. 5, 121—Conn. 478—
Ga. 37—Ill. 383—Iowa 142—Kan. 64—
La. 175—Mich. 786, 926—Minn. 103—
Mo. 57, 391—N. J. 356—N. M. 36—
N. Y. 365, 400, 1221, 1537—Ohio 865—
Okla. 35, 141—Ore. 104—Pa. 408, 806—
Tex. 371, 399, 756—Utah 56—Wash. 154—
Wis. 456—Canada 458

DuMAURIER CO.

219 State
Elmira, N. Y.
(Contact manufacturer direct)

DuMONT CORP., THE

289 Wells St.
Greenfield 8, Mass.
(See advertisement p. 140)

Ala. 116, 209—Ariz. 26, 69—Ark. 24—
Cal. 14, 49, 113, 122, 134, 145, 214, 230,
276, 309, 326, 401, 424, 600, 610, 717, 863,
1004, 1005, 1042, 1070, 1088, 1091, 1205,
1259, 1260, 1377, 1470—Col. 93—Conn. 32,
290, 434, 471, 501—Del. 11—D. C. 30—
Fla. 182—Ga. 219, 261, 328, 339—Idaho 13,
21, 29—Ill. 15, 115, 155, 173, 357, 358, 426,
505, 607, 837, 851, 915, 932, 951, 1011, 1095,
1151, 1158, 1225—Ind. 44, 70, 136, 190, 235,
441, 518, 573—Iowa 21, 25, 56, 57, 99, 109—
Kan. 2, 25, 90, 110, 118—Ky. 20, 98—La.
30, 183, 192, 231—Me. 21—Md. 25, 33—
Mass. 16, 69, 71, 108, 159, 353, 413, 422, 434,
484, 493, 510, 516, 666, 674—Mich. 25, 40,
223, 365, 570, 865, 935, 1002, 1084, 1126,
1163, 1214, 1329—Minn. 32, 61, 113, 183—
Miss. 30—Mo. 66, 94, 106, 272, 416, 469,
491—Mont. 30—Neb. 16, 42—N. H. 18—
N. J. 27, 121, 222, 246, 277, 280, 313, 326,
329, 332, 337, 395, 413, 474, 580—N. M. 25—
N. Y. 27, 93, 100, 110, 114, 118, 179, 432,
530, 539, 608, 648, 658, 674, 738, 788,
910, 938, 1086, 1097, 1145, 1244, 1338, 1465,
1648, 1688—N. C. 7, 137, 181, 227, 236, 243,
267—Ohio 28, 94, 461, 576, 946, 1117, 1158,
1202, 1526, 1554, 1663—Okla. 22, 111—
Ore. 1, 8, 87, 103, 131, 186, 201—Pa. 31, 69,
180, 326, 376, 447, 736, 836, 847, 1101, 1189,
1205, 1303, 1355—R. I. 10, 17, 53, 72—
S. C. 24, 33—Tenn. 34, 105, 177, 195, 231—
Tex. 10, 44, 63, 219, 300, 339, 401, 736, 789,
833—Utah 84—Va. 28, 52, 97, 145—
Wash. 27, 86, 108, 350, 382—W. Va. 12—
Wis. 13, 17, 54, 75, 84, 408, 459—Wyom. 3
Canada 525

DUMORE CO., THE

1300 Seventeenth St.
Racine, Wis.
Cal. 9, 457, 600, 745, 813, 1252—Colo. 75—
Conn. 212, 434—D. C. 30—Ga. 198, 234—
Ill. 286, 441, 913, 1158, 1272—Ind. 273,
441—Iowa 56—Md. 25—Mass. 69, 544—
Mich. 149, 223, 227, 343, 714, 956—
Minn. 216—Mo. 103, 355—N. J. 306—
N. Y. 110, 179, 514, 684, 955, 1387, 1611,
1643—Ohio 28, 302, 854, 946, 1202, 1519—
Pa. 69, 689, 1101, 1355—Tex. 372, 747—
Wash. 86—Wis. 421, 433—Canada 467,
542

DUNDICK TOOL WORKS, INC.

3410 W. 31st St.
Chicago 31, Ill.
Cal. 717, 1470—Colo. 92—Conn. 488—
Ill. 1280—Ind. 256, 593—Mich. 225, 1164—
Minn. 288—N. J. 232—N. Y. 416, 502, 1375,
1476—N. C. 114—Ohio 972—Ore. 186—
Pa. 327—Wis. 241

DUNHAM TOOL CO. INC., THE

Rd. 4, Route 37
Danbury, Conn.
(See advertisement p. 322)
Cal. 1319—Conn. 191, 248, 258, 322, 392,
421—Ind. 483—Md. 151—Mass. 69, 159,
229, 353, 666—Mich. 1150—N. Y. 496—
Ohio 1306, 1410—Pa. 881—Wash. 61—
Wis. 443

DuPAGE MACHINE CO.

Roosevelt & Meyers Rds., Box 204
Elmhurst, Ill.
Cal. 606—Fla. 182—Ill. 94, 238, 1166—
Mich. 124, 718—Minn. 61, 218—
N. Y. 100—N. C. 114—Wis. 169

DuPONT deNEMOURS & CO. INC., E. I.

Wilmington 98, Del.
(Contact manufacturer direct)

DURABLE PUNCH & DIE CO.

9030 S. Hermitage Ave.
Chicago 20, Ill.
Ala. 64—Ariz. 33—Cal. 39, 98—Colo. 59—
Conn. 4, 501—D. C. 64—Ga. 42—Ill. 596—
Ind. 48, 70, 141, 531—Iowa 25, 72, 109—
Kan. 74—Ky. 117—Md. 224—Mass. 418,
620—Mich. 839, 1329—Minn. 243, 267—

Mo. 148, 295—N. J. 277—N. Y. 91, 408,
1320—Ohio 259, 740, 1100, 1599—
Pa. 1087—Tenn. 203—Tex. 246—
Wash. 54—W. Va. 51—Wis. 241—
Canada 515

DURANT TOOL CO.

1-15 Thurbers Ave.
Providence 5, R. I.
Cal. 74, 1368—Conn. 63, 233—Ill. 442—
Mass. 36—Mich. 624—N. J. 277, 395—
N. Y. 442, 1039, 1377—Ohio 567, 1426—
R. I. 44

DUREZ PLASTICS DIV.

Hooker Chemical Div.
Walck Rd.
North Tonawanda, N. Y.
Cal. 462—Ill. 275—Mich. 333—N. Y. 830,
1196—Ohio 1405—Pa. 521

DURO METAL PRODUCTS CO.

2651 N. Kildare Ave.
Chicago 39, Ill.
(Contact manufacturer direct)

DYKEM CO., THE

2307 N. 11th St.
St. Louis 6, Mo.
(Contact manufacturer direct)

— E —

EAGLE MANUFACTURING CO.

Wellsburg, W. Va.
(Contact manufacturer direct)

EAGLE SIGNAL CORP.

202 20th St.
Moline, Ill.
Ala. 97—Cal. 544, 1159—Colo. 159—
Conn. 187—Fla. 125, 259—Ga. 70—Ill. 31—
Iowa 93—Md. 168—Mass. 104—
Mich. 351—Minn. 300—Mo. 59, 302—
N. J. 172—N. Y. 303—Ohio 636, 1327—
Okla. 12, 60—Ore. 54—Pa. 1015, 1244—
Tex. 167, 562—Utah 68—Va. 77—Wash. 69

EASCO PRODUCTS DIV.

Electro Arc Sales Co.
P. O. Box 587
Ypsilanti, Mich.
(Contact manufacturer direct)

EAST SHORE MACHINE PRODUCTS CO.

50 E. 201st St.
Euclid 32, Ohio
Cal. 606, 1198—Ill. 395, 502—Ind. 128—
Mass. 385—Mich. 977—Neb. 32—
N. Y. 271—Pa. 955—Tex. 246, 401—
Wash. 354—Wis. 169, 454

EASTERN MACHINE SCREW CORP.

22-48 Barclay St.
New Haven 6, Conn.
Ala. 153—Ariz. 12—Ark. 25—Cal. 46, 358,
1377—Colo. 107—Conn. 288—Fla. 285—
Ga. 78—Ill. 584—La. 133—Md. 53, 61—
Mass. 11—Mich. 1190—Minn. 183—
Mo. 200, 420—N. J. 607—N. M. 25—
N. Y. 1435, 1590—N. C. 161—Ohio 302,
1014, 1228—Ore. 186—Pa. 553, 955—
Tenn. 124—Tex. 115, 520—Utah 81—
Wash. 269—Canada 311

EASTERN MACHINE & TOOL CO.

170 Broadway
New York 38, N. Y.
Mass. 470—Mich. 1169—N. Y. 1369

EASTERN PRECISION TOOL & GAGE CO.

451 Lehigh Ave.
Union, N. J.
(Contact manufacturer direct)

EASTERN TOOL & MANUFACTURING CO.

One Montgomery St.
Belleville 9, N. J.
(Contact manufacturer direct)

EASTMAN KODAK CO.

343 State St.
Rochester 4, N. Y.
(See advertisement p. 29)
(Contact manufacturer direct)

EASY INDUSTRIES

210 N. Racine Ave.
Chicago 7, Ill.
(Contact manufacturer direct)

EATON MANUFACTURING CO.

739 E. 140th St.
Cleveland 10, Ohio
(Contact manufacturer direct)

EATON MANUFACTURING CORP.

Reliance Div.
25 Charles Ave., S. E.
Massillon, Ohio
Cal. 1211, 1489—Conn. 26—Ill. 277—
Ind. 264—Mich. 340—Mo. 510—
N. Y. 838—Ohio 620, 1463, 1464—
Tex. 245—Va. 119, 139

ECLIPSE AIR BRUSH CO.

390 Park Ave.
Newark 7, N. J.
D. C. 29—Ill. 279—Mass. 88—Ohio 1515—
Pa. 524, 879

ECLIPSE COUNTERBORE CO.

1600 Bonner Ave.
Detroit 20, Mich.
(See advertisement p. 577)

Ariz. 33—Cal. 250, 914—Colo. 59—
Conn. 85—Fla. 29—Ga. 148—Ill. 402,
995—Ind. 71, 213, 489—Ky. 48—Mich. 41,
884, 1028, 1189—Minn. 166—Mo. 49, 454—
N. J. 379—N. Y. 44, 195, 1623—Ohio 464,
641, 1145, 1347, 1564—Okla. 30, 131—
Ore. 37—Pa. 199, 1023, 1342—R. I. 84—
S. C. 61—Tenn. 92, 203—Tex. 554, 884—
Utah 40—Va. 8—Wash. 96—Wis. 203—
Canada 182, 311, 492, 532

ECLIPSE END MILL DIV.

Eclipse Counterbore Co.
1600 Bonner Ave.
Detroit 20, Mich.
Ariz. 46—Cal. 717, 1319—Colo. 48—
Conn. 106—D. C. 30—Ga. 148—Ill. 357,
1164, 1272—Ind. 110—Md. 104—
Mass. 410, 674—Mich. 7, 364, 793, 885,
1065, 1102, 1254, 1343—Minn. 166—
Mo. 49—N. J. 379, 578—N. Y. 362, 539,
1368—Ohio 34, 105, 198, 1081, 1207, 1438,
1535, 1548, 1624—Ore. 37—Pa. 27, 128, 202,
389, 604, 969, 1211, 1233, 1299, 1340—
Tenn. 203—Tex. 884—Utah 11—
Wash. 235—Wis. 203—Canada 182, 311,
492, 532

ECONOMY ENGINEERING CO.

4501-4523 W. Lake St.
Chicago 24, Ill.
Cal. 609, 874—Colo. 162—Conn. 384—
D. C. 20—Ill. 154, 1116, 1262—Ind. 41, 104,
322, 571—Kan. 114—Ky. 34—La. 164—
Md. 30—Mass. 121, 507—Mich. 599, 882—
Minn. 197—Mo. 50, 313—Neb. 58—
N. Y. 238, 452, 839, 1666—Ohio 50, 222,
835, 1209—Okla. 40—Pa. 503, 987, 1179,
1209—S. C. 47—Tenn. 21, 60, 77, 237—
Tex. 191, 432, 540, 555—Va. 56—
Wash. 80—Wis. 369

ECONOMY TOOL & MACHINE CO.

1829 S. 68th St.
West Allis 14, Wis.
Fla. 357—Ga. 322—Ill. 739, 1168, 1225—
Ind. 320, 545—Mass. 534—Mich. 1122,
1191—Minn. 242—N. Y. 399, 796—
Ohio 695, 1219—Pa. 1154—Tex. 733—
Wis. 444

EDER INSTRUMENT CO., INC.

2293 N. Clybourn Ave.
Chicago 14, Ill.
(Contact manufacturer direct)

EDLUND MACHINERY CO.

Div. of Harsco Corp.
37 Huntington St., Box 749
Cortland, N. Y.
Ark. 25—Cal. 599, 1469—Colo. 70—
Conn. 308—D. C. 30—Fla. 248—Ill. 308—
Kan. 127—La. 100, 224—Md. 204—
Mass. 185—Mich. 714, 1016—Minn. 275—
Miss. 127, 420—N. Y. 195, 1139, 1257,
1602—N. C. 172—Ohio 937, 1225, 1649—
Okla. 101—Ore. 37—Pa. 747, 821—
Tenn. 34—Tex. 194, 717—Wash. 235—
Canada 312

EDROY PRODUCTS CO.

480 Lexington Ave.
New York 17, N. Y.
(Contact manufacturer direct)

EGLINTON CARBIDE PRODUCTS, INC.

333 Cedar St.
Wyandotte, Mich.
Conn. 386—Ill. 421—Minn. 299—Wis. 245

EISLER ENGINEERING CO., INC.

764 S. 13th St.
Newark 3, N. J.
(Contact manufacturer direct)

EKSTROM CARLSON & CO.

1438 Railroad Ave.
Rockford, Ill.
(Contact manufacturer direct)

ELASTIC STOP NUT CORP. OF AMERICA

2330 Vauxhall Rd.
Union, N. J.
Cal. 65—Colo. 158—Fla. 9—Ill. 293—
Mass. 91—Mich. 61—Mo. 110—N. J. 588—
Ohio 628—Canada 539

ELDORADO TOOL & MANUFACTURING CORP.

336 Boston Post Rd.
Milford, Conn.
(See advertisement p. 60)
Cal. 675—Conn. 245—Ill. 982, 1069—
Mich. 342—Minn. 112—N. Y. 1447—
Ohio 454, 670, 1343—Pa. 1077, 1278—
R. I. 35—Tex. 741—Wis. 169

ELECTRA MOTORS, INC.

1110 N. Lemon St.
Anaheim, Cal.
Ala. 93—Ariz. 31—Cal. 1255—Colo. 112—
Ga. 123, 223—Ill. 832—Ind. 388—
Iowa 63—La. 119—Md. 57—Mass. 571—
Mich. 118—Minn. 199—Mo. 55, 405—
N. Y. 351, 770, 934—N. C. 127—Ohio 505,
1311—Ore. 179—Pa. 32, 153, 1145—
Tex. 189—Utah 38—Wash. 290

ELECTRIC ARC, INC.

152 Jelliff Ave.
Newark 8, N. J.
Cal. 721—Conn. 253—Minn. 146—
Mont. 6—N. Y. 1171—Ohio 986—
Okla. 48—S. C. 15—Wash. 237—
Canada 234

ELECTRIC FURNACE CO., THE

W. Wilson St.
Salem, Ohio
Cal. 1032—Conn. 81—Mich. 245

ELECTRIC HOTPACK CO., INC.

5057A Cottman Ave.
Philadelphia 35, Pa.
(Contact manufacturer direct)

ELECTRO-ALLOYS DIV.

American Brake Shoe Co.
1300 Taylor St.
Elyria, Ohio
Ala. 52—Cal. 975—Conn. 456—Ill. 284—
Ind. 129—Mich. 59—N. Y. 843—Pa. 527,
882—Tex. 534

ELECTRO ARC SALES CO.

See Esco Products Div.

MANUFACTURERS

ELECTRO-AUTOSIZING MACHINE CORP.

7 William St.
Closter, N. J.
Cal. 359—Ill. 1085—Ind. 130—Mich. 723—
N. Y. 468, 661, 1282—Ohio 1327, 1680—
Pa. 1219—R. I. 74—Canada 387, 657

ELECTRO-DEVICES, INC.

4-6 Godwin Ave.
Paterson, N. J.
Cal. 622—Ill. 660—Mich. 1055—
Ohio 469—Pa. 329

ELECTRO LIFT, INC.

204 Sargeant Ave.
Clifton, N. J.
(Contact manufacturer direct)

ELECTRO-MATIC PRODUCTS CO.

2235-37 N. Knox Ave.
Chicago 39, Ill.
(Contact manufacturer direct)

ELECTROMARK CORP., THE

2093 E. 19th St.
Cleveland 15, Ohio
Cal. 46—Conn. 102—Ill. 738, 1181—
Mich. 430—N. Y. 1688—Ohio 1188—
Pa. 296

ELECTRO-MECHANO CO., THE

175 E. Erie St.
Milwaukee 2, Wis.
Ala. 4—Cal. 606, 1310—Colo. 105—
Conn. 148—D. C. 95—Fla. 248—Ga. 81—
Idaho 13—Ill. 493, 1015, 1035—Ind. 75,
267, 554—Kan. 80—Ky. 58—La. 100—
Mass. 608—Mich. 425, 1122—Minn. 167—
Mo. 108, 295—Neb. 42—N. J. 117—
N. Y. 277, 903, 923, 1395, 1602—N. C. 7,
191—Ohio 264, 1015, 1086, 1630—Okla. 22,
122—Ore. 153—Pa. 169, 675, 1069—
R. I. 74—S. C. 24, 58—Tenn. 105, 163—
Tex. 30, 676, 864—Utah 48—Va. 48, 145—
Wash. 76—W. Va. 28—Wis. 424—
Canada 435, 571

ELECTRO REFRACTORIES &

ABRASIVES CORP.
344 Delaware Ave.
Buffalo 2, N. Y.
Ala. 78, 166—Ariz. 8—Cal. 426, 620, 955—
Colo. 142—Conn. 281, 444—Ill. 923, 1046—
Ind. 127, 443—Iowa 6—Mich. 38, 99, 113,
637, 767, 1072, 1311, 1144—Minn. 309—
Mo. 452—N. Y. 434, 499, 1527—Ohio 614,
622, 1443, 1462, 1465, 1733—Ore. 191—
Pa. 7, 235, 710, 1141, 1283—Tex. 401, 537—
Utah 65—Wash. 316—Wis. 254, 351, 388—
Canada 48, 184, 590

ELECTRO-SPARK CO., INC.

23 E. 26th St.
New York 10, N. Y.
Fla. 287—Mass. 608—Mich. 553

ELECTRONIC CONTROL SYSTEMS DIV.

Stromberg-Carlson, A Div. of General
Dynamics Corp.
2231 S. Barrington Ave.
Los Angeles 64, Cal.
Colo. 125—N. Y. 656, 1410—Canada 481

ELECTRONIC DYNAMIC BALANCING CO.

3409 N. Harlem Ave.
Chicago 34, Ill.
(Contact manufacturer direct)

ELECTRONS, INC.

127 Sussex Ave.
Newark 3, N. J.
(Contact manufacturer direct)

ELGIN NATIONAL WATCH CO.

Abrasives Div.
107 National St.
Elgin, Ill.
Ariz. 91—Cal. 834—Conn. 181—Fla. 231,
310—Ill. 877, 1156—Ind. 224—Mass. 295—

Mich. 344—Minn. 89—Mo. 101—N. Y. 484,
845—Ohio 1150, 1212—Ore. 78—Pa. 137,
528—R. I. 46—Wash. 122—Wis. 187
Canada 360

ELKRO CO., THE

2800 W. Lower Springboro Rd.
Franklin, Ohio
Cal. 106—Ill. 602, 996—Ind. 495—
Iowa 110—Kan. 80—Mass. 20—Mich. 470,
887, 1219—Mo. 108—N. J. 201—N. M. 41—
N. Y. 291, 442, 531, 1376—Ohio 1014, 1133,
1667—Pa. 1123—Tex. 338—Wis. 268—
Canada 467, 511, 633

ELLIOTT MANUFACTURING CO.,

INC., B. W.
350 State St.
Binghamton, N. Y.
Cal. 556

ELMES ENGINEERING DIV.

American Steel Foundries
1150 Tennessee Ave.
Cincinnati 29, Ohio
Ala. 112—Ariz. 50—Cal. 536, 1151—
Colo. 136—Fla. 304—Ga. 82—Ind. 352—
Mass. 289—Mich. 348, 983—N. Y. 355,
1413—Ohio 978, 1649—Pa. 798—Tenn. 71,
234—Tex. 253

ELOX CORP. OF MICHIGAN

1830 N. Stephenson Hwy.
Royal Oak 3, Mich.
(See advertisement p. 15)

Cal. 989, 1423—Colo. 155—Del. 89—
Fla. 23—Ga. 207—Ill. 248, 672—Ind. 257—
La. 192—Mich. 9, 440, 1279—Minn. 312—
Neb. 46—N. M. 43—N. Y. 393—Ohio 81,
256, 1517—Okla. 146—Pa. 1004, 1221—
Tenn. 45—Tex. 202, 697—Utah 101—
Wash. 143—Canada 214, 566

ELWELL-PARKER ELECTRIC CO., THE

4205 St. Clair Ave.
Cleveland 3, Ohio
(Contact manufacturer direct)

EMHART MANUFACTURING CO.

Hudson Div.
Hudson, N. Y.
(See advertisement p. 586)
Ala. 101—Cal. 523—Conn. 487—Fla. 45—
Ga. 207—Ill. 486—Ind. 238—Mass. 171—
N. Y. 334, 1062, 1598—Ohio 346, 819,
1282—Pa. 1021, 1317—Va. 50—
Wash. 172—Canada 83, 439, 505, 612

EMMERT MANUFACTURING CO.

1051 E. Main St.
Waynesboro, Pa.
Cal. 947—Ill. 225, 258, 599, 819—
Mass. 218—Mich. 584, 714—N. Y. 735—
Ohio 535, 736, 1607—Pa. 136, 883—
Canada 640

EMPIRE CORP.

1566 S. 83 St.
Milwaukee 14, Wis.
(Contact manufacturer direct)

EMPIRE TOOL CO.

11500 Lambs Rd.
Memphis, Mich.
Cal. 467—Ill. 499—Ind. 197—Mass. 395—
Mich. 222, 663, 1014, 1216—Mo. 420—
N. J. 486—N. Y. 132, 477—Ohio 64, 1023,
1224—Pa. 390—Wis. 338

ENCO MANUFACTURING CO.

4520-26 W. Fullerton Ave.
Chicago 39, Ill.
(Contact manufacturer direct)

ENGELBERG, INC.

831 W. Fayette St.
Syracuse 4, N. Y.
Cal. 523, 669, 796, 885, 1071, 1151, 1388—

Ga. 58—Ill. 294—Ind. 343—Ky. 84—
La. 98—Mich. 237, 625—Minn. 275—
Mo. 66, 567—N. J. 306—N. Y. 179, 442,
656, 903, 1304, 1611—Ohio 76, 400, 709—
Ore. 153—Pa. 11, 263, 556, 626, 1123, 1355
R. I. 74—Tex. 255, 685—Wash. 274, 363—
Canada 204, 440

ENGINEERING RESEARCH ASSOCIATES

3475 E. Nine Mile Rd.
Warren, Mich.
(Contact manufacturer direct)

ENGIS EQUIPMENT CO.

431 S. Dearborn St.
Chicago 5, Ill.
(See advertisement p. 226)
Cal. 600, 745, 1198, 1533—Colo. 70—
Conn. 518—Ga. 81—Ill. 1158, 1184—
Ind. 86, 299, 403—Iowa 18, 64—Md. 78—
Mass. 395, 686—Mich. 730, 1223, 1354—
Minn. 113, 180—Mo. 94, 323, 505—
N. J. 190—N. Y. 679, 1476—N. C. 270—
Ohio 366, 891—Okla. 131—Ore. 92—
Pa. 176, 664, 674, 1051, 1087, 1240—
R. I. 31—Tex. 115, 590—Wash. 117—
Canada 446

ENGMAN-TAYLOR CO., INC.

See Aer-O-Matic Tool Div.

ENTERPRISE MACHINE-PARTS CORP.

2731 Jerome
Detroit 12, Mich.
(Contact manufacturer direct)

ERB & GRAY SCIENTIFIC, INC.

854 S. Figueroa St.
Los Angeles 17, Cal.
Ariz. 42—Cal. 46, 1432

ERCONA CORP.

16 W. 46th St.
New York 36, N. Y.
(Contact manufacturer direct)

ERICKSON TOOL CO.

34350 Solon Rd.
Solon, Ohio
Ariz. 94—Cal. 46, 224—Colo. 83—
Conn. 330—Fla. 283—Ill. 192, 291—Ind. 79,
226—Mass. 613, 657—Mich. 126, 858—
Minn. 102—Mo. 127—Neb. 32—N. J. 144—
N. Y. 1282—N. C. 261—Pa. 38, 1087, 1149
Tex. 747—Wis. 244—Canada 306, 566

ERICO PRODUCTS, INC.

2070 E. 61st Pl.
Cleveland 3, Ohio
Ala. 183—Cal. 470, 508—Ill. 292, 514, 988—
Ind. 236—Iowa 44—La. 65—Md. 176—
Mass. 253, 344—Mich. 31, 350, 1122—
Minn. 112, 173—Mo. 218, 531—N. J. 476—
N. Y. 262, 1573—Ohio 252, 279, 688, 1081,
1243, 1758—Okla. 142—Pa. 505, 1139—
Canada 19, 72, 363, 373, 661

ERIE FOUNDRY CO.

1253 W. 12th St.
Erie 6, Pa.
Cal. 523, 1207—Conn. 230—D. C. 95—
Fla. 5—Ill. 696—Ind. 71, 213, 489—
Ky. 48—Mich. 261—Pa. 806

ERIEZ MANUFACTURING CO.

279 Magnet Dr.
Erie, Pa.
Ala. 56—Cal. 283, 1293—Colo. 13—
Fla. 275—Ill. 940—Ind. 99, 356—Iowa 93—
La. 79—Mass. 110—Mich. 380—
Minn. 209—Mo. 65, 458—N. Y. 28, 941—
N. C. 205—Ohio 333, 1153, 1360—Ore. 90—
Pa. 191, 239, 1048—S. C. 44—Tenn. 145—
Tex. 624—Wash. 139, 338—Canada 433,
608

ERINAC EQUIPMENT CORP.

225 Lafayette St.
New York 12, N. Y.
(Contact manufacturer direct)

ERNEST, HOLDEMAN & COLLET, INC.

See Speedgrip Chuck Div.

ERRINGTON MECHANICAL

LABORATORY, INC.

24 Norwood Ave.
Staten Island 9, N. Y.

(See advertisement p. 52)

Cal. 1528—Conn. 119, 213—Ill. 1230—
Mass. 528, 672—N. J. 210—N. Y. 1104—
Pa. 279—Wash. 248

ESBEC BARREL FINISHING CORP.

18 Beech St.
Byram, Cal.

Cal. 439—Mass. 629—Minn. 49—Mo. 470—
N. J. 112—N. Y. 228, 445, 1387, 1560,
1652—Ohio 1250—Okla. 30, 131—
Pa. 1004—R. I. 70

ESPEN-LUCAS MACHINE WORKS

Front St. and Girard Ave.
Philadelphia 23, Pa.

(Contact manufacturer direct)

ESSO STANDARD OIL CO.

15 W. 51 St.
New York 19, N. Y.

Ark. 21—Conn. 183—Del. 10—D. C. 31—
La. 12, 107, 213—Me. 32—Md. 63—
Mass. 304—N. J. 167, 239, 339, 469—
N. Y. 105, 490, 1202, 1220, 1305, 1533,
1631—N. C. 60, 165, 225—Pa. 59, 257, 301,
530, 889—R. I. 5—S. C. 7, 16, 37—
Tenn. 74, 151, 239—Vt. 8—Va. 34, 80,
134—W. Va. 17, 36

ETTCO TOOL & MACHINE CO., INC.

594 Johnson Ave.
Brooklyn 37, N. Y.

Ariz. 52—Cal. 471, 523, 600, 1252—
Conn. 32, 212—Ill. 205, 295, 297, 346, 1038,
1104, 1158—Ind. 235, 506—Ky. 98—
La. 224—Md. 25—Mass. 455—Mich. 2, 223,
352, 404, 956, 1207, 1378—Minn. 183—
Miss. 14—Mo. 106, 355—Neb. 32—N. J. 44,
201, 228, 512—N. Y. 94, 125, 306, 442,
1037, 1582—N. C. 219—Ohio 564, 576, 648,
946, 1599—Okla. 131—Ore. 97—Pa. 178,
640, 650, 926, 1337—R. I. 48—Tenn. 148—
Tex. 112—Wash. 86—Wis. 332, 353

EUTECTIC WELDING ALLOYS CORP.

40-40 172nd St.
Flushing 58, N. Y.

Ariz. 37—Cal. 51, 472—Ga. 102—Ill. 296—
Mass. 92—Mich. 353—Mo. 381—
Ohio 1076—S. D. 5—Tex. 171—
Canada 138, 563

EVEREDE TOOL CO.

2000 N. Parkside Ave.
Chicago 39, Ill.

(Contact manufacturer direct)

EVERITE MACHINE PRODUCTS CO.

2005 E. Huntingdon St.
Philadelphia 25, Pa.

Ariz. 50—Cal. 536, 1151—Colo. 105—
Conn. 308—La. 100—Mass. 103—
Mich. 533—N. Y. 198, 1139—Ohio 327,
783—Ore. 174—Pa. 747—Tex. 207, 590—
Wash. 274, 363—Canada 481

EXACT WEIGHT SCALE CO., THE

538 E. Town St.
Columbus 15, Ohio

Ala. 61—Cal. 473, 1195—Ill. 298, 1131—
Ind. 228—Iowa 96—La. 108—Md. 64—
Mass. 94—Mich. 354, 1189—Minn. 94—
Mo. 382—N. J. 273, 340—N. Y. 849, 1534,
1703—N. C. 226—Ohio 86, 231—Pa. 15,
85—Tex. 173, 569—Wis. 195

EX-CELL-O CORP.

1200 Oakman Blvd.
Detroit 32, Mich.

(See advertisement p. 49 & inside back cover)

Ala. 137—Ariz. 59—Cal. 116, 599, 1070,
1469—Colo. 125—Conn. 116, 461—
D. C. 103—Fla. 37, 315—Ill. 192, 785, 795,
889, 991, 1098—Ind. 229, 534—Kan. 86—
Ky. 42, 55—La. 87—Md. 124—Mass. 626—
Mich. 859, 944—Minn. 284—Mo. 30, 127,

341, 547—Neb. 32, 48—N. J. 530—
N. Y. 235, 618, 1409, 1454—N. C. 10, 11,
265—Ohio 232, 629, 1428, 1433, 1533, 1633—
Pa. 350, 580, 890, 1263—Tenn. 265—
Tex. 115, 520—Utah 74—Wash. 107, 108—
Wis. 490—Canada 237, 364, 501, 564

EXCELSIOR TOOL & MACHINE CO.

31st. W. Ridge Ave.
East St. Louis, Ill.

(Contact manufacturer direct)

EXOLON CO., THE

1000 E. Niagara
Tonawanda, N. Y.

Ill. 299—Mass. 585—Mich. 356—
N. Y. 1632—Pa. 531

EXPERT WELDING MACHINE CO.

17144 Mt. Elliott Ave.
Detroit 12, Mich.

Ill. 1059

— F —

F & D TOOL CO., INC.

Three Rivers, Mass.

(Contact manufacturer direct)

FACTORY SERVICE CO.

4615 N. 21st St.
Milwaukee 9, Wis.

(Contact manufacturer direct)

FAFNIR BEARING CO.

37 Booth St.
New Britain, Conn.

Cal. 474, 831—Colo. 71—Ga. 104—Ill. 303,
992—Ind. 230—La. 46—Md. 2—
Mass. 248—Mich. 357—Minn. 95—
Mo. 112—N. Y. 1308, 1713—N. C. 61—
Ohio 235, 631—Ore. 80—Pa. 532, 892—
Tenn. 152—Tex. 174, 570—Wash. 125—
Wis. 198

FAIRBANKS CO., THE

393 Lafayette St.
New York 3, N. Y.

Ga. 329—Ill. 304—Mass. 95—N. Y. 851—
Pa. 893

FAIRBANKS, MORSE & CO.

600 S. Michigan Ave.
Chicago 5, Ill.

Ala. 62—Ark. 43—Cal. 167, 475, 1196—
Colo. 72—D. C. 33—Fla. 81—Ga. 105—
Ill. 305—Ind. 231—Iowa 54, 97—Ky. 56—
La. 110—Md. 65—Mass. 96—Mich. 358—
Minn. 4, 96, 285—Mo. 113, 384—Neb. 1,
31—N. J. 147—N. Y. 236, 852—N. C. 62—
Ohio 236, 632, 1077—Okla. 92—
Ore. 81—Pa. 533, 894—R. I. 47—Tenn. 75,
153—Tex. 175, 572—Utah 40—Wash. 126—
Wis. 199

FALCON TOOL CO.

20771 Ryan Rd., P. O. Box 4605
Detroit 34, Mich.

(See advertisement p. 598)

Ala. 64, 108, 209—Ark. 10, 25—Cal. 237,
278, 505, 606, 663, 1060, 1068, 1204, 1272,
1367, 1450—Conn. 460—Fla. 156, 184, 240,
248, 304, 327—Ga. 122, 181—Ill. 584—
Ky. 14—La. 192, 231—Md. 36—
Md. 36—Mass. 385—Mich. 771, 857, 896,
977, 1177—Miss. 29—Mo. 157, 406, 505—
N. J. 359—N. M. 39—N. Y. 1197, 1293,
1388, 1452, 1503—N. C. 7, 26, 134, 191—
Ohio 820, 1242, 1618—Pa. 472, 743, 761,
955, 1021—S. C. 24—Tenn. 105, 216, 273—
Tex. 150, 246—Utah 100—Va. 50, 120, 126,
145—Wash. 172—Wis. 102, 164, 408—
Canada 500

FALCON TOOL CO.

(Kwiklok only)

Ala. 112—Cal. 523—Conn. 148—Fla. 84—
Ill. 1206—Mass. 103—Mich. 843—
N. Y. 426, 1281—Ohio 346, 1282, 1411—
Okla. 22, 104—Pa. 650, 1004—R. I. 74—
Wis. 45, 63, 455

FALLON INDUSTRIES

See Vac Alloys, Inc.

FALLS PRODUCTS, INC.

Genoa, Ill.

Cal. 401, 885, 1384—Ill. 77, 113, 148, 205,
313, 340, 502, 721, 772, 849, 861, 1158,
1163, 1166—Ind. 27, 277, 368—Ky. 71—
Mich. 18, 199, 850, 1084—Minn. 113, 183,
216, 233, 243, 312—N. Y. 44, 71, 178, 179—
Ohio 1202—Pa. 169, 316, 625, 720, 1165—
Tex. 62—Utah 52—Wis. 48, 54, 323, 405,
433, 448

FAMCO MACHINE CO.

3132 Sheridan Rd.
Kenosha, Wis.

Cal. 476—Fla. 62—Ga. 285—Ill. 306—
Kan. 42—Mich. 62—N. Y. 853—N. C. 238—
Tex. 176

FARNHAM DIV.

The Wiesner-Rapp Co., Inc.

1600 Seneca St.
Buffalo 10, N. Y.
Cal. 477

FARQUHAR DIV., A. B.

See The Oliver Corp.

FARREL-BIRMINGHAM CO., INC.

See Also Watson-Stillman Press Div.
Consolidated Machine Tool Div.

FARVAL CORP., THE

3300 E. 80th St.
Cleveland 4, Ohio

Ala. 101—Cal. 609, 1261—Colo. 85—
Conn. 199—Ga. 106—Ill. 282—Ind. 253—
La. 109—Mass. 75—Mich. 28, 338—
Minn. 209—Mo. 72, 414—Neb. 22—
N. Y. 184, 886—N. C. 232—Ohio 422,
611—Okla. 115—Ore. 48—Pa. 517, 870—
Tenn. 138—Tex. 326, 628—Utah 83—
Wash. 58—Wis. 183

FAUVER CO., INC., J. N.

49 W. Hancock
Detroit 1, Mich.

(Contact manufacturer direct)

FAY & EGAN CO., J. A.

See Greaves Machine Tool Div.

FEDERAL BEARINGS CO. INC., THE

Fairview Ave.
Poughkeepsie, N. Y.

Ark. 14—Cal. 354, 871—Colo. 12, 229—
Conn. 402—Ill. 328—Iowa 61—Ky. 30—
La. 54, 132—Mich. 542—Minn. 170—
Mo. 53, 309, 550—Mont. 3—Neb. 49—
N. Y. 757, 1609—Ohio 509—Okla. 18—
Ore. 134—Pa. 642, 800—S. D. 13—
Tex. 101, 135, 436, 508, 852—Utah 102—
Wash. 23, 57

FEDERAL MACHINE CO., INC.

807 Garfield Ave.
Jersey City 5, N. J.

(Contact manufacturer direct)

FEDERAL MACHINE AND WELDER CO., THE

Overland Ave.
Warren, Ohio

Cal. 2, 1164—Conn. 164—Ill. 701—
Ind. 191—Mass. 230—Mich. 476—
Minn. 235—Mo. 353—Neb. 32—N. J. 15—
N. Y. 316, 780—N. C. 103—Ohio 185,
786—Pa. 1032, 1247—Tex. 207, 590—
Wis. 301

FEDERAL-MOGUL DIV.

Federal-Mogul-Bower Bearings, Inc.

11031 Shoemaker Ave.
Detroit 13, Mich.
Cal. 101—N. Y. 78—Ohio 633—Wis. 201

MANUFACTURERS

FEDERAL PRESS CO.

511 Division St.
Elkhart, Ind.
Ala. 112—Ark. 13—Cal. 747, 1151—
Colo. 105—Conn. 148, 233, 342—
D. C. 91—Fla. 84, 168, 280—Ill. 246—
Ind. 277—Ky. 84—La. 184—Mass. 142,
548, 646, 689—Mich. 533, 1016—
Minn. 139—Mo. 127, 460—Neb. 32—
N. J. 201, 441—N. Y. 198, 609, 639, 1169,
1257, 1620—N. C. 137—Ohio 207, 648,
1147, 1622—Okla. 131—Pa. 197, 536,
1123—R. I. 74—Tex. 112, 277, 463, 685—
Utah 52—Va. 52, 112—Wash. 76—
W. Va. 12—Wis. 52, 167—Canada 377

FEDERAL PRODUCTS CORP.

6125 Eddy St.
Providence 1, R. I.
Ariz. 33, 109—Cal. 89, 479—Colo. 59,
100—Ga. 134—Ill. 309—Ind. 232—
Kan. 100—Mich. 362—Minn. 113—
Mo. 167, 454—N. J. 589—N. Y. 1311—
Ohio 634—Okla. 111—Ore. 37—Pa. 96,
1264—Tenn. 15—Tex. 169, 463, 713—
Utah 11—Wash. 235—Wis. 203

FEDERAL TOOL CORP.

3600 W. Pratt Blvd.
Chicago 45, Ill.
(Contact manufacturer direct)

FEDERAL TOOL ENGINEERING CO.

1384 Pompton Ave.
Cedar Grove, N. J.
Cal. 2, 1164—Ill. 701—Ind. 191—
Mich. 476—N. J. 57—N. C. 103—
Ohio 786—Pa. 1247—Canada 225

FEDERATED METALS DIV.

See American Smelting and Refining Co.

FEEDALL, INC.

38399 Felton Rd.
Willoughby, Ohio
(Contact manufacturer direct)

FEEDMATIC-DETROIT, INC.

26901 W. Seven Mile Rd.
Detroit 40, Mich.
(Contact manufacturer direct)

FELLOWS GEAR SHAPER CO.

78 River St.
Springfield, Vt.
(See advertisement p. 135)
Cal. 480, 1151—Ill. 311—Mich. 1282—
N. J. 269—Ore. 37—Wash. 235—
Canada 478, 518, 640, 651

FELTERS CO., THE

210 South St.
Boston 11, Mass.
(See advertisement p. 571)
Cal. 1326—Ill. 312—Mich. 363—Mo. 398—
N. Y. 857—Pa. 1241

FEN MACHINE CO.

28914 Lakeland Blvd.
Wickliffe, Ohio
(Contact manufacturer direct)

FENDALL CO.

4511 N. Lincoln Ave.
Chicago 25, Ill.
(Contact manufacturer direct)

FENN MANUFACTURING CO., THE

Fenn Rd.
Newington 11, Conn.
Cal. 599, 1469—Conn. 311—Ill. 1060—
Mich. 587—N. Y. 1088—Ohio 403, 1122,
1315—Ore. 174—Wash. 274, 363

FENWAY MACHINE CO., INC.

3107 N. Broad St.
Philadelphia 32, Pa.
Ala. 148—Ariz. 13—Cal. 745, 951—
Conn. 97—D. C. 39, 96—Fla. 40—Ill. 316,

587—Md. 60—Mass. 64, 162—Mich. 227,
1384—Minn. 171, 288—Mo. 391, 505, 597,
603—N. J. 574—N. Y. 1031, 1100—
N. C. 260—Okla. 90—Pa. 468, 1049—
Tex. 864—Utah 26—Va. 24—Wash. 274—
Canada 179

FERGUSON MACHINE CORP.

7818 Maplewood Industrial Ct.
St. Louis 17, Mo.
Colo. 192—Ill. 624—Ind. 470—Mass. 305—
Mich. 1289—N. Y. 890, 1363—N. C. 261—
Ohio 1415—Tex. 370—Va. 127—Wash. 290

FERRACUTE MACHINE CO.

E. Commerce St.
Bridgeton, N. J.
Cal. 434—Conn. 308—Fla. 257, 352—
Ill. 1035—Ind. 295—Kan. 119—Mass. 574—
Mich. 54—Minn. 109—Mo. 226, 548—
N. Y. 180, 1139—Ohio 383, 674—
Okla. 161—Pa. 806

FERRY MACHINE CO.

W. Main St.
Kent, Ohio
(Contact manufacturer direct)

FERRY SCREW PRODUCTS, INC., THE E. W.

5240 Smith Rd.
Cleveland 30, Ohio
Mich. 746—N. Y. 55, 1177—Pa. 543—
Wis. 150

FIDELITY CHEMICAL PRODUCTS CORP.

470 Frelinghuysen Ave.
Newark 12, N. J.
(Contact manufacturer direct)

FIDELITY MACHINE TOOL INC.

Subsidiary of Fidelity Tool Supply
308 Vine St.
Camden 2, N. J.
(Contact manufacturer direct)

FIELD ABRASIVE

MANUFACTURING CO., INC.

1303 Stanley Ave.
Dayton 4, Ohio
Ala. 64—Cal. 76, 322, 914, 1516—
Colo. 23—Conn. 501—Ga. 219—Ill. 161,
515, 720, 851—Ind. 12, 48, 98, 141—
Iowa 122—Kan. 2—Ky. 24—Md. 61—
Mass. 16, 69, 245—Mich. 140, 709, 888,
920, 1084, 1167—Minn. 214—Mo. 166—
N. J. 47—N. Y. 357, 442, 879—Ohio 28,
56, 60, 109, 127, 139, 999, 1015, 1091, 1099,
1200, 1202, 1348, 1454—Ore. 92—Pa. 16,
204, 684, 1056—Tenn. 22, 203, 249—
Tex. 319, 417, 477, 553—Wis. 400—
Canada 633

FINESCALE CO.

218 S. Western Ave.
Los Angeles 4, Cal.
Cal. 17, 79, 271, 331, 469, 606, 722, 1364

FINISH ENGINEERING CO., INC.

2669 Myrtle St.
Erie, Pa.
(Contact manufacturer direct)

FINN & CO., INC., T. R.

200 Central Ave.
Hawthorne, N. J.
Ala. 25—Conn. 350—Ind. 306—La. 154—
Mass. 427—Mich. 466—Minn. 91—
Mo. 132—N. Y. 53—N. C. 35—Ohio 621—
Pa. 456, 1214—Tenn. 271—Tex. 451, 651,
787—Canada 5, 54, 415

FINSKE BROTHERS REFINING CO.

Lubriplate Div.
129 Lockwood St.
Newark 5, N. J.
N. J. 343—Ohio 1802

FIRTH STERLING INC.

3113 Forbes Ave.
Pittsburgh 30, Pa.
Ala. 63—Cal. 486—Conn. 458—Ill. 969—
Mich. 367—N. J. 299—Ohio 637, 1216—
Tex. 575

FISHER MACHINE CO.

310 N. 11th St.
Philadelphia 7, Pa.
(Contact manufacturer direct)

FISH-SCHURMAN CORP.

70 Portman Rd.
New Rochelle, N. Y.
Cal. 878—Conn. 481—Ill. 695—Mass. 452—
N. Y. 141, 531, 632, 1304—1485—
Ohio 1015—Tenn. 106

FITCHBURG ENGINEERING CORP.

P. O. Box 443
Fitchburg, Mass.
Conn. 308—Ill. 1059—Ind. 352—
Mich. 145—N. Y. 195, 1139, 1284—
Ohio 383, 648, 1649—Pa. 747

FLATON MACHINE WORKS, INC.

Broadway and W. Primm St.
St. Louis 11, Mo.
Ala. 73—Ark. 26—Cal. 432, 923—
Colo. 192—Conn. 269—Fla. 353—
Ga. 114—Ill. 660—Ind. 541—Iowa 167—
Kan. 20—Ky. 66—La. 147—Me. 14—
Mass. 516—Mich. 446—Minn. 47—
Mo. 558—Mont. 19—Neb. 49—N. J. 332—
N. Y. 778—N. C. 29—Ohio 1331—
Ore. 51—Pa. 959, 1232—Tenn. 160—
Tex. 189—Utah 69—Va. 127—Wash. 62—
W. Va. 69—Wis. 117

FLEXAUST CO., THE

100 Park Ave.
New York 14, N. Y.
Cal. 718, 1022, 1400—Conn. 167—
Del. 6—D. C. 72—Fla. 222—Ga. 97—
Ill. 247, 611, 941, 1124—Ind. 280, 588—
Kan. 115—Ky. 29, 62—La. 120, 198—
Md. 55—Mass. 250—Mich. 563, 652, 953,
1135, 1149, 1185, 1303—Minn. 185—
Mo. 128, 335—N. J. 123, 325, 346—
N. Y. 113, 200, 318, 564, 984, 1290—
Ohio 38, 351, 800, 949, 1065, 1168, 1577,
1760—Pa. 13, 474, 571, 944—R. I. 64—
Tenn. 70—Tex. 21, 424, 732—Utah 46—
Va. 50—Wash. 309, 381—Wis. 104, 211

FLEXIBLE TUBING CORP.

New Whitfield St.
Guilford, Conn.
Cal. 15—Ill. 926—Tex. 179

FLEXONICS CORP.

1315 S. Third Ave.
Maywood, Ill.
Cal. 1031—Mich. 370—N. J. 119—
Tenn. 155

FLICK-REEDY CORP.

Tru-Seal Div.
7 N. 15th York Rd.
Bensenville, Ill.
Ala. 32—Cal. 447, 525, 568, 795, 1176—
Ga. 140—Ill. 970, 979, 980, 993, 1180—
Md. 133—Mich. 298, 639, 712—Minn. 230—
Mo. 193—N. J. 317, 372—N. Y. 503, 667,
1424, 1546—Ohio 816, 931, 1527—Pa. 507,
572, 932, 962—Wash. 276—Canada 462, 524

FLICK-REEDY CORP.

See Also Miller Fluid Power Div.

FLYNN MANUFACTURING CO.

133 Flowerdale
Detroit 20, Mich.
Ariz. 33—Cal. 600, 1252—Colo. 342—
Fla. 172—Ill. 357, 411, 502—Ind. 273, 573—
Md. 33—Mass. 69, 108, 540, 686—
Mich. 223, 714, 774, 870, 956, 1203—
Minn. 216—Mo. 103, 355—Neb. 32—
N. J. 313, 329—N. Y. 1086, 1623—Ohio 302,
763, 946, 1202—Okla. 131—Ore. 131—

MANUFACTURERS

Tex. 255, 685—Va. 52—Wash. 258—
W. Va. 12—Wis. 355, 374

FONDA GAGE CO., INC.

200 Henry St.
Stamford, Conn.
Cal. 672, 678, 722, 1092, 1198, 1432—
Colo. 59—Conn. 459—Ga. 81—Ill. 99,
1216—Ind. 495—Mass. 549—Mich. 465,
789, 885, 1164—Minn. 113, 242—Mo. 189—
N. J. 64—N. Y. 390, 524, 1698—N. C. 26—
Ohio 861, 1347—Okla. 151—Pa. 664, 1118—
Wash. 269, Wis. 437—Canada 612

FOOTE BROTHERS GEAR AND MACHINE CORP.

4545 S. Western Blvd.
Chicago 9, Ill.
(Contact manufacturer direct)

FOOTE-BURT CO., THE

13000 St. Clair Ave.
Cleveland 8, Ohio
Cal. 753—Conn. 148—Ga. 243—Ill. 1152—
Ind. 311, 378—Mich. 371—Minn. 229—
Mo. 548—N. J. 34—N. Y. 277, 306, 616,
1395, 1623—Ohio 1151, 1255, 1315—
Pa. 761, 798, 926

FORD MANUFACTURING CO. INC., M. A.

1545 Rockingham Rd.
Davenport, Iowa
(See advertisement p. 223)
Cal. 1458—Ga. 268—Ill. 233, 607, 666, 714,
976, 1011, 1095, 1158, 1168, 1257—
Ind. 427—Iowa 122—Mich. 962—
Minn. 257—Mo. 568—N. Y. 70, 296, 445,
866, 1293—1452, 1560—Ohio 267, 877,
1100, 1200—Pa. 172, 1097—Tex. 271—
Wis. 433, 459

FORCE & CO., INC., WM. A.

216 Nichols Ave.
Brooklyn 8, N. Y.
(Contact manufacturer direct)

FOREDOM ELECTRIC CO., INC.

Bethel, Conn.
(Contact manufacturer direct)

FORM-ALL MANUFACTURING CO.

Long Valley, N. J.
(Contact manufacturer direct)

FORNEY'S, INC.

P. O. Box 310
New Castle, Pa.
Ala. 14—Ga. 242—Ill. 544, 1005—
Ind. 343—La. 166—Mass. 171—
Minn. 177—N. C. 137—Ohio 327, 783—
Pa. 730, 995—Tex. 214, 747—Va. 52—
Wis. 313

FORREST MANUFACTURING CO., INC.

231 State Hwy. 17
Rutherford, N. J.
Fla. 90—Mass. 97—N. J. 175—N. Y. 746,
1166

FORTHMAN, CLIFF J.

1633 Elkton Pl.
Cincinnati 24, Ohio
Ohio 1639—Tenn. 92

FORTUNE INDUSTRIES, INC.

11770 Dexter Rd.
Chelsea, Mich.
Cal. 133, 186, 482—Conn. 297—Ill. 512—
Ind. 169—Mich. 148, 905, 1083, 1133,
1353—N. J. 227, 373—N. Y. 450, 1659—
Ohio 702, 836, 881, 1250—Pa. 1344—
Canada 218

FOSDICK MACHINE TOOL CO., THE

1638 Blue Rock St.
Cincinnati 23, Ohio
Ala. 112—Cal. 536, 1151—Colo. 63—
Conn. 135—D. C. 27—Fla. 171—Ga. 207—
Ill. 544—Ind. 295, 343—Iowa 163—
La. 98, 220—Mich. 374, 1027—Minn. 86,
177—Mo. 106—Neb. 20—N. J. 67—

N. Y. 315, 1348, 1583—Ohio 302, 648, 1091,
1259—Okla. 131—Ore. 37—Pa. 1100,
1308—R. I. 63—Tex. 202, 747—Utah 84—
Wash. 107—Wis. 313

FOSTER ENGINEERING CO.

4200 N. Woodward Ave., P. O. 109
Royal Oak, Mich.
Ill. 866—Ohio 1347—Wis. 241

FOSTER GAGE CORP., C. E.

5341 English Ave.
Indianapolis 19, Ind.
Cal. 78, 1470—Colo. 38—Conn. 466—
Ill. 688—Ind. 376—Mich. 49—Minn. 288—
Mo. 233, 368—S. D. 14—Wash. 258—
Wis. 220—Canada 229

FOSTER SUPPLIES CO.

6122 Milwaukee Ave.
Chicago 46, Ill.
(Contact manufacturer direct)

FOSTORIA PRESSED STEEL CORP., THE

1200 N. Main St.
Fostoria, Ohio
Cal. 97—Ill. 319—Mich. 375—N. J. 258—
Ohio 1379

FOX ENGINEERING CO.

1358 Francis St.
Jackson, Mich.
(Contact manufacturer direct)

FRANTZ CO., INC., S. G.

Bruswick Pike and Kline Ave.,
P. O. Box 1138
Trenton 6, N. J.
Cal. 485, 927—Mich. 444—Ohio 858—
Pa. 1062—Wis. 215

FRAUENTHAL DIV.

The Kaydon Engineering Corp.
930 W. Sherman Blvd.
Muskegon, Mich.
Ala. 102—Cal. 704, 1469—Colo. 70—
Conn. 308—D. C. 14—Fla. 355—Ga. 82—
Ill. 544, 1005—Ind. 343, 558—Kan. 80—
Mass. 289—Mich. 749, 1203—Minn. 177—
Mo. 108, 527—N. Y. 355, 1139, 1413,
1611—Ohio 295, 802, 1640—Okla. 30, 131—
Pa. 747, 1100—Tenn. 71, 234—Tex. 322—
Va. 112—Wash. 76—Wis. 313—Canada 467

FREW MACHINE CO., THE

121 E. Luray St.
Philadelphia 20, Pa.
(Contact manufacturer direct)

FREYMAN & SONS, INC., J. E.

3627 Keswick Rd.
Baltimore 11, Md.
N. Y. 568—Wis. 77

FROOM & CO., R. H.

1825 W. 169th St.
Gardena, Cal.
Ill. 515—Ind. 44—Mich. 393, 795—
Ohio 1280—Tenn. 233

FRY TOOL MANUFACTURING CO.

Eaton, Ohio
(Contact manufacturer direct)

FULFLO SPECIALTIES CO., INC.

Blanchester, Ohio
Cal. 676—Ill. 360—Mass. 633—
Mich. 288—N. J. 237—N. Y. 491, 1318—
Ohio 161, 957—Pa. 607, 1078—Canada 584

FULLER BRUSH CO., THE

3580 Main St.
Hartford 15, Conn.
(Contact manufacturer direct)

FULLER MERRIAM CO., THE

70 Water St.
West Haven 16, Conn.
Conn. 369, 480—Ill. 571—Mass. 300—

Mich. 490—N. J. 87—N. Y. 372, 1217—
Ohio 644, 1420—Pa. 294

FULMER CO., C. ALLEN

1211 First National Bank Bldg.
Cincinnati 2, Ohio
Ala. 209—Cal. 434, 1151—Colo. 142—
Conn. 464—Fla. 256—Ga. 181—Ill. 544,
1005—Ind. 343—La. 214—Mass. 142—
Minn. 177—Mo. 226, 548—Neb. 32—
N. Y. 306, 656, 1585—N. C. 26—Ohio 445,
1410—Okla. 101, 132—Ore. 153—Pa. 712,
1009, 1067—Tenn. 34—Tex. 277, 717—
Utah 47—Va. 125—Wash. 107—Wis. 313—
Canada 478, 640

FULTON IRON WORKS CO.

See Lehmann-Fulton Boring Tool Co.

FURANE PLASTICS, INC.

4516 Brazil St.
Los Angeles 39, Cal.
Cal. 952—Ga. 29—Mo. 485—N. Y. 319,
633—Ohio 1112—Tex. 27—Wash. 152—
Wis. 157

FURNAS ELECTRIC CO.

1138 McKee St.
Batavia, Ill.
Ariz. 79—Cal. 391, 1155—Colo. 67—
Fla. 291—Ga. 321—Ill. 124, 892, 1228—
Ind. 388—Iowa 120—La. 140—Mass. 169—
Mich. 361, 998—Minn. 307—Mo. 230,
436—N. J. 172—N. Y. 1058, 1383—
N. C. 56—Ohio 226, 1497, 1697, 1703—
Ore. 74—Pa. 6, 1076—Tex. 167, 562—
Utah 55—Va. 94—Wash. 210—Wis. 484
Canada 230

FUTURE PRODUCTS TOOL CORP.

885 N. Rochester Rd.
Clawson, Mich.
(Contact manufacturer direct)

FUTURMILL, INC.

6360 Highland Rd.
Pontiac, Mich.
(See advertisement p. 220)
Ariz. 90—Cal. 653, 1061, 1505—Colo. 83—
Conn. 121—Ga. 148—Ill. 441, 502—
Ind. 488—Iowa 64—Kan. 98—Mass. 16,
229, 373, 502—Mich. 45, 708, 813, 1222,
1247, 1264, 1319, 1366, 1367—Minn. 316—
Mo. 166, 567—N. J. 141, 190—N. Y. 49,
625, 672, 1466, 1637, 1699—Ohio 108, 158,
295, 1172, 1371, 1597—Okla. 128—
Ore. 108—Pa. 575, 1021, 1088—Tex. 476,
686—Utah 26—Wash. 54—Wis. 23, 355,
455—Canada 172

— G —

GAERTNER SCIENTIFIC CORP., THE

1241 Wrightwood Ave.
Chicago 14, Ill.
(Contact manufacturer direct)

GAGE CO.

Box 1080
Battle Creek, Mich.
Mich. 23

GAGE-RITE, INC.

521 E. Middle Turnpike
Manchester, Conn.
Conn. 238

GAIRING TOOL CO.

21221 Hoover Rd., P. O. Box 478,
Roosevelt Park Annex
Detroit 32, Mich.
Cal. 322, 1201—Colo. 83—Conn. 232—
Ill. 739—Ind. 423—Mass. 263—Mo. 477—
N. J. 542—N. Y. 796, 1545—Ohio 84, 1560,
1623—Tex. 741—Wis. 244—Canada 476

CALLAND-HENNING MANUFACTURING CO. See Nopak Div.

MANUFACTURERS

GALLMEYER & LIVINGSTON CO.

336 Straight St. S. W.
Grand Rapids 2, Mich.
Ala. 112—Ariz. 88—Cal. 523, 599, 1071,
1177, 1207—Colo. 105—Conn. 308—
D. C. 30—Fla. 23—Ill. 294—Ind. 352—
La. 30, 192, 231—Mass. 142—Mich. 1378—
Minn. 312—Mo. 108, 418—N. Y. 355, 967,
1139, 1413, 1611—N. C. 58—Ohio 445,
659, 1091, 1259, 1649—Ore. 136—Pa. 747,
798—Tenn. 71, 166—Tex. 214, 676—
Utah 101—Va. 112—Wash. 76—Wis. 194—
Canada 269, 478, 518, 640, 651

CAMMONS-HOACLUND CO., THE

395 Main St.
Manchester, Conn.
Cal. 600, 1042, 1162—Conn. 54, 236, 245,
434—Fla. 136—Ga. 207—Ill. 286—
Ind. 415—Md. 25—Mich. 181, 667, 913—
Minn. 229—Mo. 505—N. J. 449—N. Y. 306,
1304, 1414—N. C. 183—Ohio 454, 804,
972—Ore. 71—Pa. 69, 489, 644, 1152—
R. I. 17—Tex. 339, 418—Wash. 86—
Canada 477

GARDNER-DENVER CO.

S. Front St.
Quincy, Ill.
(See advertisement p. 136)
Ala. 66—Cal. 493, 1202—Colo. 78—
D. C. 36—Ga. 109—Idaho 31—Ill. 324,
1135—Ind. 237—Kan. 81—Ky. 60—
La. 113—Mass. 99—Mich. 1153, 1225—
Minn. 5, 289—Mo. 21, 121—Mont. 13—
N. J. 545—N. Y. 245, 870—Ohio 649—
Okla. 19, 95—Pa. 294, 547, 908—
Tenn. 78—Tex. 70, 187, 395, 578, 804—
Utah 44—Va. 82—Wash. 132—Wis. 208

GARDNER MACHINE CO.

1146 Gardner St.
Beloit, Wis.
Ariz. 50—Cal. 536, 1151, 1177—
Colo. 125—Conn. 308—Ill. 1040—
Ind. 513—La. 192—Md. 33—Mass. 185,
517—Mich. 378—Miss. 29—Mo. 103, 319—
N. J. 120—N. Y. 246, 355, 1139, 1413,
1611—Ohio 650—Ore. 79—Pa. 747, 798,
909—Tenn. 23—Tex. 676—Wash. 143,
340—Wis. 20—Canada 269, 478, 518, 640,
851

GARLOCK PACKING CO., THE

462 Main St.
Palmyra, N. Y.
Ala. 67—Cal. 495, 1203—Colo. 79—
Ill. 325—Mass. 100—Mich. 379—Mo. 393—
N. Y. 871—Ohio 651—Pa. 548, 910—
Tex. 579—Canada 371.

GARLOCK PLASTICS DIV.

See United States Gasket Co.

GARRETT CO., INC., GEORGE K.

Torresdale Ave. at Tolbut St.
Philadelphia 36, Pa.
Ill. 326—Mich. 381—N. Y. 872

GARRISON MACHINE WORKS, INC.

515-525 Bannock St.
Dayton 4, Ohio
(Contact manufacturer direct)

GARVIN BROTHERS, INC.

19880 State Line Rd.
South Bend 24, Ind.
Conn. 494

GAST MANUFACTURING CORP.

Box 117-F
Benton Harbor, Mich.
Cal. 377, 1351—Ga. 327—Ind. 53—
Mich. 314—Minn. 167—N. C. 81—
Ohio 574, 1230—Okla. 35—Ore. 148—
Pa. 705, 1027—Tex. 371, 756—Wash. 230—
Canada 38, 376, 570

GATCO ROTARY BUSHING CO.

42330 Ann Arbor Rd.
Plymouth, Mich.
(Contact manufacturer direct)

GATES RUBBER CO., THE

999 S. Broadway
Denver 17, Colo.
(Contact manufacturer direct)

GAY-LEE CO.

71 W. 14 Mile Rd.
Clawson, Mich.
(Contact manufacturer direct)

GEAR GRINDING MACHINE CO., THE

3901 Christopher St.
Detroit 11, Mich.
(Contact manufacturer direct)

GEAR-O-MATION DIV.

Michigan Tool Co.
7171 E. McNichols
Detroit 12, Mich.
(Contact manufacturer direct)

GEAR SPECIALTIES, INC.

2635 W. Medill Ave.
Chicago 47, Ill.
Ill. 769, 1148—Ind. 597—Mich. 1064—
N. Y. 1125—Ohio 1643—Tex. 182

GELBER & SONS, INC., S.

5806 N. Lincoln Ave.
Chicago 45, Ill.
(Contact manufacturer direct)

GEMCO SHAPER CO.

4644 Gravois Ave.
St. Louis 16, Mo.
Ala. 102—Ariz. 50—Ark. 35—Cal. 536,
1151—Colo. 63, 70—Conn. 117, 175, 284,
477—Fla. 171—Ga. 181—Ill. 294—
Ind. 52—Kan. 127—Ky. 58—La. 98—
Mass. 233, 431, 646—Mich. 386, 625, 714,
943, 1322—Minn. 86—Mo. 418—N. J. 350—
N. Y. 544, 655, 999, 1065, 1089, 1126, 1143,
1284, 1563—Ohio 674, 802, 1146, 1649—
Okla. 131—Ore. 37—Pa. 169, 538, 658, 569,
1122, 1123, 1355—R. I. 74—Tex. 112, 671,
736—Utah 100—Va. 88, 151—Wash. 235—
Wis. 194

GENCO

Genevamic Engineering Corp.
P. O. Box 10386
Tampa 9, Fla.
(Contact manufacturer direct)

GENERAL ABRASIVE CO., INC.

College Ave.
Niagara Falls, N. Y.
Cal. 259—Colo. 117—Conn. 201—
Ga. 219—Ill. 98, 1077—Ind. 12, 180—
La. 181—Md. 25—Mass. 478—Mich. 443,
751, 1036—Mo. 366, 470—N. Y. 372, 1654—
Ohio 161, 182, 1015, 1200—Pa. 98, 328,
346, 645—Tenn. 40, 43, 143—Wis. 158,
235—Canada 335, 622

GENERAL AMERICAN TRANSPORTATION CORP.

See Parker-Kalon Div.

GENERAL ANILINE & FILM CORP.

Oxalid Div.
Johnson City, N. Y.
Ala. 130—Ariz. 3—Cal. 648, 1083, 1276—
Colo. 138—Conn. 332—D. C. 69—
Fla. 194—Ga. 185—Ill. 570—Ind. 354,
560—Kan. 13, 69—La. 5, 94—Mass. 183—
Mich. 597—Minn. 15, 210—Mo. 498—
Mont. 9, 27—Neb. 68—Nev. 5—N. M. 44—
N. Y. 215, 1024, 1461, 1586—N. C. 54—
Ohio 362, 561, 1292, 1685—Okla. 45, 163—
Ore. 65—Pa. 403, 1046—S. D. 8—Tenn. 85,
219, 266—Tex. 11, 32, 52, 75, 211, 460, 760,
789, 807, 847—Utah 28—Wash. 259, 324—
Wis. 327—Canada 6, 18, 62, 113, 141, 194,
264, 383, 575

GENERAL AUTOMATION CORP.

40-66 Lawrence St.
Flushing 54, N. Y.
Cal. 359—Conn. 239—Ill. 1083—N. J. 47,
263—Wash. 301—Canada 424

GENERAL CONTROLS CO.

801 Allen Ave.
Glendale 1, Cal.
(Contact manufacturer direct)

GENERAL ELECTRIC CO.

Apparatus Sales Div.
1 River Rd.
Schenectady 5, N. Y.
Ala. 69, 193—Ariz. 40, 111—Ark. 23—
Cal. 171, 497, 889, 1012, 1066, 1488, 1537—
Colo. 81—Conn. 186, 291—D. C. 37—
Fla. 87, 170, 313—Ga. 111, 314, 336—
Idaho 4—Ill. 329, 1100, 1252—Ind. 45, 78,
239, 537—Iowa 20, 55, 98, 156, 170—
Kan. 83—Ky. 17, 61—La. 3, 14, 42, 115,
215—Me. 6, 10—Md. 69, 193—Mass. 101,
518, 660—Mich. 24, 385, 864, 950, 1082,
1118, 1154, 1309—Minn. 6, 21, 106—Miss. 4,
15—Mo. 29, 123, 395, 396—Mont. 5, 14—
Neb. 34, 35—N. H. 14—N. J. 345, 562—
N. M. 28—N. Y. 17, 68, 247, 411, 874,
1182, 1317, 1539—N. C. 63, 166, 229, 253—
N. D. 2—Ohio 25, 98, 250, 653, 1220,
1221, 1609, 1738—Okla. 6, 20, 97—
Ore. 12, 24, 86—Pa. 17, 182, 302, 551,
913, 1181, 1341—R. I. 51—S. C. 17, 38—
Tenn. 25, 79, 157, 243, 277—Tex. 3, 16,
41, 71, 188, 396, 430, 581, 785, 843—
Utah 45—Vt. 9—Va. 27, 83, 135—
Wash. 29, 135, 136, 335, 373, 386—
W. Va. 4, 18, 38, 76—Wis. 8, 210

GENERAL ELECTRIC CO.

See Also Metallurgical Products Dept.

GENERAL FIRE EXTINGUISHER CORP., THE

See The General Tool Div.

GENERAL GAS LIGHT CO.

See Humphrey Products Div.

GENERAL HARDWARE MANUFACTURING CO., INC.

80 White St.
New York 13, N. Y.
(Contact manufacturer direct)

GENERAL INDUSTRIAL

DIAMOND CO., INC.
611-621 Broadway
New York 12, N. Y.
(Contact manufacturer direct)

GENERAL MACHINE CO., INC.

4th & Furnace Sts.
Emmaus, Pa.
Conn. 282—Ga. 78—Ill. 395, 1124—
Ind. 180—Iowa 51—Md. 25—Mass. 672—
Mich. 1223—N. J. 379—N. Y. 363, 628—
N. C. 26—Ohio 1306—Pa. 94, 407—
Tenn. 323—Wis. 78

GENERAL MANUFACTURING CO.

6430 Farnsworth
Detroit 11, Mich.
Cal. 258, 631—Ill. 1059—Mass. 18—
Minn. 216—N. J. 94—N. Y. 222, 1395,
1585—N. C. 137—Ohio 62—Pa. 221—
Wash. 143—Wis. 393—Canada 467

GENERAL METALS CORP.

See Adel Precision Products
(Contact manufacturer direct)

GENERAL METALS, INC.

858 Goldsboro St.
Greensboro, N. C.

GENERAL MOTORS CORP.

See Delco Products
Hyatt Bearings Div.
New Departure Div.

GENERAL RADIO CO.

22 Baker Ave.
West Concord, Mass.
Cal. 302, 499—Ill. 1041—Md. 212—
Mass. 590—N. J. 492—Pa. 3—Canada 372

GENERAL RIVETERS

785 Hertel Ave.
Buffalo 7, N. Y.
Cal. 1404—Fla. 45—Kan. 98—Mich. 728,
1018—Mo. 166, 567—N. Y. 1035, 1441—
Ohio 1410—Okla. 128—Pa. 221—
Tex. 477—Wash. 117—Canada 439, 612

GENERAL TOOL DIV., THE

of The General Fire Extinguisher Corp.
8740 Washington Blvd.
Culver City, Cal.
Cal. 122, 326, 523, 536, 606, 745, 835, 885,
1200, 1366—Conn. 394—Ill. 205, 297—
Mich. 425, 956, 1140, 1203—Minn. 167, 183,
273—N. Y. 746—N. C. 26, 84—Ohio 1217—
Pa. 590—S. C. 8—Wis. 300

GENESEE MANUFACTURING CO.

566 Hollenbeck St.
Rochester 21, N. Y.
Cal. 326, 1470—Conn. 245—Ill. 514—
Ind. 219—Mass. 607—Mich. 572—
Mo. 420—N. J. 449, 521—N. Y. 1282, 1472—
Ohio 158, 641, 1172—Pa. 290—R. I. 17—
Wis. 437—Canada 446

GENEVAMATIC ENGINEERING CORP.

4623 N. Hubert, P. O. Box 10386
Tampa 9, Fla.
(Contact manufacturer direct)

GEOMETRIC-HORTON (Chucks)

Div. of United-Greenfield Corp.
1 Valley St.
New Haven 15, Conn.
(See advertisement p. 66)
Cal. 511, 950—Ga. 294—Ill. 341—Ind. 344—
Kan. 32—Mich. 397—Minn. 265—
Mo. 310—N. Y. 894—N. C. 70—Ohio 279,
667, 1243—Pa. 895, 1223—Tenn. 147—
Tex. 634, 826—Wash. 82—Wis. 451—
Canada 491

GEOMETRIC-HORTON (Threading Tools)

Ariz. 33—Ark. 24, 39—Cal. 230, 326, 457,
496, 502, 1252—Colo. 155—Conn. 217,
271—Fla. 184, 248—Ga. 234—Ill. 308, 330—
Ind. 76, 180, 535—Ky. 98—La. 101, 220—
Md. 25—Mass. 69, 347, 538, 637—Mich. 18,
184, 387, 393, 844, 865, 956, 1084, 1128, 1163,
1203, 1248, 1259, 1310—Minn. 257—
Miss. 41—Mo. 106, 127, 568—Neb. 32—
N. J. 228, 358, 401—N. Y. 179, 296, 875,
1285—N. C. 1, 137, 186—Ohio 400, 656, 854,
1027, 1117, 1202, 1554, 1598, 1674, 1695—
Okla. 32, 104—Ore. 97—Pa. 69, 157, 176,
326, 847, 1053, 1165—R. I. 70—Tenn. 122,
276—Tex. 112, 517, 858—Va. 52, 88, 112—
Wash. 149, 342—Wis. 355, 433—
Canada 85, 124, 209, 440, 506, 640

GEORGE MACHINERY CO., JAMES W.

519 E. Jefferson Ave.
Detroit 26, Mich.
(See advertisement p. 28)
(Contact manufacturer direct)

GIDDINGS & LEWIS MACHINE

TOOL CO.
142 Doty St.
Fond du Lac, Wis.
(See advertisement p. 596)

Ala. 102—Ariz. 88—Cal. 434, 1177—
Colo. 125—Conn. 487—Fla. 45—Ga. 181—
Ill. 486—Ind. 311—Kan. 86—La. 100, 214—
Mass. 142—Mich. 843—Minn. 216—
Mo. 30, 127, 418—Neb. 46—N. Y. 334, 1062,
1598—Ohio 346, 819, 1282—Okla. 101—
Ore. 174—Pa. 1021, 1317—Tenn. 34, 163—
Tex. 254, 733—Utah 100—Va. 50—
Wash. 274, 363—Wis. 287—Canada 29, 83,
176, 439, 505, 612

GIDDINGS & LEWIS MACHINE TOOL CO.

See also Kauksuna Div.
Davis Boring Tool Div.

GILMAN CO., RUSSEL T.

624 Beech St.
Grafton, Wis.
(See advertisement p. 574)
Cal. 46, 807—Ill. 15, 205—Ind. 267—
Mich. 718, 821—Mo. 470—N. J. 210—
Ohio 804—Pa. 549—Va. 66—Wis. 421

GILMORE & CO., INC., F. F.

725 Boylston St.
Boston 16, Mass.
Conn. 250—Fla. 280—Ga. 108—Ill. 1160—
Me. 18—Mich. 1069—N. H. 12—N. C. 26,
181—Pa. 113—Tex. 607

GIRARD ASSOCIATES

P. O. Box 248
Chambersburg, Pa.
(Contact manufacturer direct)

GISHOLT MACHINE CO.

1227 E. Washington Ave.
Madison 10, Wis.
Ala. 169—Ariz. 88—Cal. 504, 1419—
Colo. 155—Conn. 188—Fla. 171—Ga. 82—
Ill. 1042, 1221—La. 166, 224—Minn. 86—
Mo. 127, 402—Neb. 32—N. J. 68—
N. Y. 251—Ohio 660, 1223—Okla. 132—
Ore. 79—Pa. 917, 1242—Tex. 583—
Utah 100—Va. 112—Wash. 107—Wis. 39—
Canada 85, 128, 440, 506, 613

GITS BROTHERS

MANUFACTURING CO.
1846 S. Kilbourn Ave.
Chicago 23, Ill.
(Contact manufacturer direct)

GIUSTINA CORPORATION OF

AMERICA, THE
120 Wall St.
New York 5, N. Y.
N. Y. 132—Ohio 1058

GLADWIN TOOL CO.

2815 Mason St.
Flint 5, Mich.
(Contact manufacturer direct)

GLEASON WORKS, THE

1000 University Ave.
Rochester 11, N. Y.
(Contact manufacturer direct)

GLEBAR CO., INC.

Commerce St.
Franklin Lakes, N. J.
(Contact manufacturer direct)

GLENBARD TOOL MANUFACTURERS, INC.

216 N. Clinton St.
Chicago 6, Ill.
Conn. 488—Fla. 239, 279—Ga. 191—
Ill. 1181—Ind. 544—Iowa 64—Mich. 885—
Minn. 112—Mo. 295—N. J. 141—N. Y. 162,
796, 1568—Ohio 761—Okla. 151—
Pa. 1317—Va. 66—Wis. 241

GLENZER CO., THE J. C.

1550 E. Nine Mile Rd.
Ferndale 20, Mich.
Conn. 189—Ill. 41, 915—Ind. 109, 139—
Ky. 58—Mass. 382, 686—Mich. 834, 878,
1150, 1172, 1297—Minn. 183, 229—Mo. 31,
469, 527—N. Y. 291—Ohio 894, 1345, 1446,
1667—Pa. 553—Tex. 564—Wis. 395—
Canada 508

GLOBE DIV.

Casalbi Co.
540 Wayne St.
Jackson, Mich.
Cal. 382, 1150—Conn. 101—Fla. 173—
Ill. 957—Ind. 96, 352—Iowa 172—Ky. 67—
La. 195—Md. 21—Mass. 646—Mich. 116,
565, 865, 1119, 1203, 1310—Minn. 99—
Mo. 517—N. J. 94, 227—N. Y. 66, 277, 1611,

1335—N. C. 26—Ohio 76, 302, 503, 1225,
1649—Ore. 153—Pa. 510, 1153—Tex. 132,
664—Wis. 177, 347

GLOBE STEEL ABRASIVE CO., THE

238 First Ave.
Mansfield, Ohio
Ill. 87—Mass. 186—Mich. 269—Pa. 1060,
1103—Wis. 140—Canada 434

GLOBE TAPPING MACHINE CO., THE

1251 Central Ave.
Bridgeport 7, Conn.
Cal. 747, 829—Ill. 544, 1005—Ind. 77, 238,
343, 558—Mich. 533—Minn. 177—
N. Y. 1303—Ohio 662, 1610—Pa. 1100,
1249—Wis. 313—Canada 439, 612

GLOBE TOOLS

3384 S. Robertson Blvd.
Los Angeles 34, Cal.
Cal. 326, 458, 1088, 1205—Colo. 105—
Fla. 182—Ill. 357—Ind. 75, 273—La. 98,
192—Md. 61—Mass. 69, 108—Mich. 223,
1096—Mo. 103, 540—N. Y. 788—
Ohio 895—Okla. 22—Ore. 153—Pa. 1337—
Tenn. 270—Tex. 112, 463, 736—Utah 2,
74—Wash. 86, 269—Wis. 408

GLOVER MANUFACTURING CO.

422 Park Ave.
Meadville, Pa.
(Contact manufacturer direct)

GODDARD & GOODARD CO.

12280 Burt Rd., Box 68,
Brightmoor Station
Detroit 23, Mich.
Ariz. 24—Cal. 49, 250—Colo. 155—
Conn. 431—Fla. 138—Ga. 134—Ill. 266,
395, 515, 1214—Ind. 211, 578—Kan. 100—
La. 153—Mich. 195, 653, 889—Minn. 102—
Mo. 167, 454—N. Y. 362, 982, 1417, 1426,
1654—Ohio 218, 668, 1206—Okla. 104—
Ore. 122—Pa. 1023, 1265—R. I. 84—
Tenn. 203—Tex. 339, 549—Utah 26—
Va. 50—Wash. 86—Wis. 243—Canada 478,
518, 640

GODDARD & GOODARD CO.

See Also Briney Manufacturing Co.

GODWIN GAGE CO.

26538 W. Seven Mile Rd.
Detroit 40, Mich.
Conn. 330—Ga. 322—Ill. 644—Mass. 18—
Mich. 110, 1035—Minn. 218—N. J. 159—
N. Y. 568—N. C. 114—Ohio 619, 1188—
Pa. 316—S. C. 61—Tex. 150—Wis. 316—
Canada 378

GORDON & MORGAN MACHINE CO.

3725 Touzalin Ave.
Lincoln 7, Neb.
(Contact manufacturer direct)

GORHAM TOOL CO.

14400 Woodrow Wilson Ave.
Detroit 3, Mich.
(Contact manufacturer direct)

GORTON MACHINE CO., GEORGE

1316 Racine St.
Racine, Wis.
(See advertisement p. 562)
Ariz. 88, 93—Cal. 58, 503, 704, 1067, 1151,
1380—Colo. 105—Conn. 127, 349, 366,
487—Fla. 45—Ga. 81—Ill. 486, 1224—
Ind. 311, 481, 552—Kan. 80—La. 34, 44,
100—Md. 190—Mass. 171, 324B, 364, 368,
445, 681, 682—Mich. 843, 880—Minn. 16,
216—Mo. 108, 418—N. J. 162, 611, 615,
619—N. Y. 48, 334, 438, 1062, 1063, 1393,
1477, 1598—N. C. 26—Ohio 37, 342, 819,
1282, 1370, 1541, 1646—Ore. 174—Pa. 162,
198, 712, 1021, 1228, 1231, 1272, 1351—
Tenn. 166—Tex. 115, 520—Utah 54—
Va. 8—Wash. 274, 363—W. Va. 72—
Wis. 287

MANUFACTURERS

GOTTSCHO, INC., ADOLPH

6 Evans Terminal
Hillside 5, N. J.
Cal. 35, 1231—La. 74—N. J. 20—Pa. 655—
Tex. 95, 504—Canada 433, 608

GOULD & EBERHARDT, INC.

433 Fabyan Pl.
Irvington 11, N. J.
Ala. 101—Cal. 523, 1207—Colo. 93—
Conn. 487—Fla. 45—Ga. 58—Ill. 486—
Ind. 311—La. 184, 220—Mass. 171—
Mich. 843—Minn. 275—Mo. 226, 548—
Neb. 46—N. Y. 334, 1062, 1598—Ohio 346,
819—Ore. 79—Pa. 712, 1021—Tenn. 34—
Tex. 590—Utah 84—Va. 50—Wash. 143

GOVRO-NELSON CO.

1931 Antoinette St.
Detroit 8, Mich.
Cal. 664—Colo. 63—Conn. 431—Ill. 498,
1156—Ind. 265—Mich. 404, 1135—
Minn. 183—Mo. 527—N. Y. 407, 1037,
1332—Ohio 641, 1285, 1380, 1667—Pa. 178,
664, 1051—R. I. 84—Wis. 292

GRAHAM MACHINE TOOL CO.

19 Cleveland Pl.
New York 12, N. Y.
(Contact manufacturer direct)

GRAHAM TRANSMISSION, INC.

Menomonee Falls, Wis.
Ala. 163—Cal. 437, 873—Colo. 62—
Fla. 209—Ga. 116—Ill. 26, 214—Ind. 244—
Kan. 220—Md. 57—Mass. 571—Mich. 224,
947—Minn. 47—Mo. 464—N. Y. 252, 1615,
1695—Ohio 245, 738, 1746—Ore. 192—
Pa. 68, 916—Tex. 114, 519—Wis. 258—
Canada 362, 562

GRANT GEAR WORKS INC.

154 W. Second St.
S. Boston, Mass.
N. Y. 1125—N. C. 7, 134, 194—Pa. 967—
S. C. 24, 58—Tenn. 106—Va. 50, 120,
145—Canada 467

GRANT MANUFACTURING & MACHINE CO., THE

70 Silliman Ave.
Bridgeport 5, Conn.
Conn. 46—Mich. 121—N. Y. 1063—
Ohio 1410

GRAV-I-FLO CORP., THE

400 Norwood Ave.
Sturgis, Mich.
Cal. 318, 1154—Colo. 62—Conn. 29, 74,
410—Ill. 71, 881, 1271—Md. 8—Mich. 157,
1058—N. Y. 241—N. C. 117—Canada 308

GRAY EQUIPMENT SALES CO.

13600 Ford Rd.
Dearborn, Mich.

GRAY CO., THE G. A.

3611 Woodburn Ave.
Cincinnati 7, Ohio
Ala. 169—Cal. 536—1151—Colo. 155—
Fla. 304—Ga. 82—Ill. 462—Ind. 307—
Kan. 127—La. 166, 231—Mass. 185—
Mich. 557, 1027—Minn. 183—Mo. 108,
355—Neb. 32—N. M. 43—N. Y. 355, 656,
1413, 1611—N. C. 58—Ohio 302, 476, 1091,
1259, 1604—Okla. 132—Ore. 93, 153—
Pa. 712, 821—Tenn. 71, 234—Tex. 253,
736—Utah 57—Wash. 143, 340—Wis. 276—
Canada 92, 130, 219, 267, 467, 511, 633

GRAYMILLS CORP.

3705 N. Lincoln Ave.
Chicago 13, Ill.
Cal. 593—Colo. 237—Ga. 326—Ill. 244,
736—Ind. 255—Iowa 88—Mich. 1198—
Ohio 67—Pa. 25—Tex. 372—Wash. 197—
Canada 79

GREAVES MACHINE TOOL DIV.

J. A. Fay & Egan Co.
2011 Eastern Ave.
Cincinnati 2, Ohio
Ala. 106—Cal. 704, 1265—Fla. 280—
Ga. 18—Ill. 69—Iowa 56—Ky. 84—
La. 100—Md. 97—Mass. 288—Mich. 237—
Minn. 216—Mo. 103, 470—Neb. 42—
N. Y. 164, 999, 1602—N. C. 76—Ohio 76,
445—Okla. 22—Ore. 153—Pa. 510, 1123—
Tenn. 158—Tex. 255, 500, 560—Va. 96—
Wash. 313—Wis. 387

GREEN INSTRUMENT CO., INC.

385 Putnam Ave.
Cambridge 39, Mass.
Cal. 999, 1360—Ill. 474—Mich. 1295—
N. Y. 1439—Ohio 398, 907—Ore. 114—
Pa. 1325—Tex. 580—Canada 637

GREEN MANUFACTURING CO., INC.

See Acra-Ment Instrument Div.

GREEN RIVER STEEL CORP.

Subsidiary of Jessop Steel Co.
P. O. Drawer 637
Owensboro, Ky.
Ala. 87—Cal. 565—Conn. 198—D. C. 54—
Ill. 408—Ind. 288—Mich. 457—Mo. 85,
377—N. Y. 932—Ohio 288, 717—Pa. 592,
950—Tex. 619—Wis. 123—Canada 484

GREENERD ARBOR PRESS CO.

41 Crown St.
Nashua, N. H.
Ala. 112—Ariz. 45—Ark. 44—Cal. 523,
1070, 1380—Colo. 142—Conn. 342, 479—
D. C. 68—Fla. 172, 321—Ga. 108—
Idaho 30—Ind. 75, 407—Iowa 99—
Kan. 79—Ky. 98—La. 112—Me. 25—
Mass. 69, 142—Mich. 714, 984—
Minn. 229—Miss. 9—Mo. 355, 470—
Mont. 15—Neb. 32—Nev. 1—N. J. 376—
N. M. 64—N. Y. 1611—N. C. 7—Ohio 302,
819—Okla. 131—Ore. 93—Pa. 712, 1355—
R. I. 74—S. C. 24—Tenn. 105, 254—
Tex. 736—Utah 65—Va. 50—Wash. 143—
Wis. 194—Wyom. 8—Canada 324, 478, 542,
640

GREENFIELD TAP & DIE

Div. of United-Greenfield Corp.
Sanderson St.
Greenfield 1, Mass.

(See advertisement p. 65)

Ala. 3, 165, 200, 210—Ariz. 9, 26, 69, 112—
Ark. 9, 24, 39—Cal. 230, 287, 326, 393, 522,
535, 660, 761, 890, 944, 990, 1026, 1069,
1079, 1190, 1197, 1252, 1314, 1384, 1426,
1490—Colo. 93, 142—Conn. 32, 140, 217,
246, 271, 285, 318, 434—Del. 9, 12—D. C. 34,
81, 88, 92—Fla. 16, 35, 75, 84, 92, 134, 175,
184, 199, 228, 248, 263, 280, 292, 311, 312,
321, 350—Ga. 1, 234, 261, 275, 309, 313, 315,
328, 342, 349—Idaho 22, 30—Ill. 15, 152,
205, 212, 340, 387, 441, 484, 493, 502, 557,
583, 607, 751, 841, 853, 915, 976, 1127, 1129,
1138, 1196, 1256—Ind. 8, 21, 52, 76, 136,
180, 427, 477, 508, 573, 589, 592—Iowa 15,
21, 56, 73, 99, 137, 161, 164, 173—Kan. 1, 6,
47, 55, 110, 124—Ky. 3, 13, 20, 98, 113, 135,
140—La. 19, 101, 220—Me. 8, 25—Md. 25,
131, 185, 192—Mass. 69, 243, 313, 326, 328,
332, 347, 352, 379, 462, 463, 538, 551, 637—
Mich. 12, 30, 144, 313, 393, 397, 409, 479,
774, 823, 844, 865, 904, 956, 1084, 1128, 1163,
1192, 1203, 1235, 1248, 1259, 1310, 1323,
1328—Minn. 12, 51, 257, 260—Miss. 41—
Mo. 1, 31, 103, 106, 111, 208, 227, 237, 272,
534, 568—Mont. 12, 23, 30—Neb. 5, 8,
32—N. H. 16—N. J. 7, 25, 40, 65, 205, 207,
221, 228, 358, 401, 416, 457, 468, 473, 477,
569, 604, 627—N. M. 32, 35—N. Y. 3, 15,
39, 40, 72, 95, 96, 100, 114, 125, 139, 179,
296, 446, 486, 492, 504, 573, 581, 596, 598,
613, 629, 654, 662, 670, 684, 728, 731, 769,
772, 802, 813, 819, 841, 842, 854, 864, 894,
901, 918, 939, 955, 969, 1006, 1010, 1025,
1029, 1042, 1152, 1154, 1161, 1238, 1242,
1243, 1285, 1444, 1530, 1643, 1651, 1658,
1670, 1697, 1723—N. C. 13, 137, 145, 153,
154, 181, 186, 196, 227, 242, 256, 260, 267—
N. D. 4—Ohio 28, 48, 109, 198, 400, 463,

471, 667, 854, 1027, 1066, 1117, 1127, 1202,
1263, 1390, 1437, 1459, 1466, 1481, 1510,
1554, 1598, 1674, 1695, 1710, 1753—Okla. 32,
38, 131—Ore. 19, 72, 97, 128, 193—Pa. 31,
33, 69, 97, 157, 176, 194, 208, 250, 260, 287,
311, 326, 389, 396, 489, 720, 802, 847, 905,
1027, 1038, 1108, 1163, 1185, 1189, 1205,
1210, 1258, 1294, 1304, 1339—R. I. 70—
S. C. 4, 6, 13, 14, 26, 41, 54, 72, 76—S. D. 3,
9—Tenn. 1, 30, 58, 61, 103, 122, 248—
Tex. 9, 14, 39, 46, 112, 185, 275, 338, 401,
402, 409, 452, 468, 473, 517, 593, 683, 774,
784, 821, 829, 858, 875, 884—Utah 65, 84—
Vt. 1, 3, 4—Va. 3, 12, 23, 46, 52, 88, 112,
136, 141, 149—Wash. 14, 21, 261, 349, 374,
382—W. Va. 1, 35, 44, 84, 85, 87—Wis. 80,
84, 323, 355, 374—Wyom. 1, 6

GREENLEE BROTHERS & CO.

2136 12th St.
Rockford, Ill.
(See advertisement p. 564)

Mass. 230—Mich. 399—Minn. 229—
Mo. 418—N. J. 67—N. Y. 1583—N. C. 26—
Ohio 383, 937—Ore. 174—Pa. 484, 1100—
Tex. 463, 736—Wash. 274, 363

GREENLEE BROTHERS & CO.

See also B & T Machinery Co.

GREER HYDRAULICS, INC.

New York International Airport
Jamaica 30, N. Y.

Cal. 513—Ga. 190—Ill. 342—Ind. 80—
La. 103—Md. 106—Mass. 217—N. M. 1—
N. Y. 364, 693—Ohio 364, 850, 1227, 1293—
Okla. 35, 99—Pa. 617, 1140—Tex. 195, 371,
719—Va. 1—Canada 165

GREER STOP NUT CO.

2620 W. Flournoy St.
Chicago 12, Ill.
(Contact manufacturer direct)

GREGORY INDUSTRIES, INC.

See Nelson Stud Welding Div.

GREIST MANUFACTURING CO., THE

446 Blake St.
New Haven 15, Conn.
Cal. 49, 717—Colo. 107—Conn. 54, 93, 148,
212, 387, 421, 483—Fla. 182—Ga. 191—
Ill. 233, 318, 585, 1196—Ind. 250—
Iowa 109—Ky. 81—Md. 131—Mass. 106,
164, 316, 372, 380, 692—Mich. 774, 885,
1164—Minn. 113—Mo. 148, 505—Neb. 32—
N. J. 395, 532—N. Y. 106, 147, 382, 670,
899, 977, 1435, 1623—N. C. 137—
Ohio 421, 877, 1240—Pa. 169, 259, 318, 418,
604, 972, 1165—Tenn. 106—Tex. 419—
Wash. 86—Wis. 433—Canada 467, 633

GRIDER INDUSTRIES, INC.

N. Dixie Hwy.
Bowling Green, Ohio
Cal. 747

GRIEVE-HENDRY CO., INC.

1401 W. Carroll Ave.
Chicago 7, Ill.
Ala. 44—Cal. 154—Conn. 10—Ga. 75—
Ill. 412—Ind. 334—Kan. 133—Mass. 246—
Mich. 421—Minn. 157—Mo. 3—N. J. 630—
N. Y. 227—Ohio 220, 642—Pa. 86, 245,
322—Tex. 373, 758—Wis. 223—Canada 640

GRINDING & POLISHING

MACHINERY CORP.

2530 Winthrop Ave.
Indianapolis 5, Ind.
Ala. 98, 220—Ariz. 69—Ark. 8, 11—
Cal. 230, 322, 523, 571, 650, 773, 885, 899,
1044, 1270—Colo. 142—Conn. 212, 331—
D. C. 9, 30—Fla. 104, 168, 199—Ga. 193,
201—Ill. 297, 573, 819, 1158—Ind. 14—
Iowa 99—Kan. 90, 127—La. 133—Me. 24—
Mass. 13, 97, 240, 347, 393, 458, 671—
Mich. 18, 403, 710, 714, 767, 865, 956, 985,
1011, 1073, 1128, 1310, 1352—Minn. 51, 177,
260, 273—Miss. 14—Mo. 2, 66, 103, 152, 355,
470, 587, 594—Neb. 32—N. H. 12—N. J. 43,

175, 306, 324—N. Y. 162, 179, 228, 233, 306, 537, 746, 1132, 1159, 1166, 1304, 1582, 1611—N. C. 3, 211, 216, 252—Ohio 302, 470, 854, 946, 1102, 1128, 1590, 1707—Okla. 22, 30, 131—Ore. 97, 139, 174—Pa. 93, 467, 556, 847, 905, 1097, 1301, 1350—Tenn. 54, 148, 183, 270—Tex. 112, 255, 273, 319, 517, 560, 685, 747, 842—Utah 52, 65—Va. 12, 48, 50, 112, 220—Wash. 274, 363—W. Va. 50, 51—Wis. 52, 191, 313

GRIP NUT CO.

Broad & Maple
South Whitley, Ind.

Cal. 459, 1213—Ill. 648—Iowa 49—Ky. 119—Mich. 122—Mo. 565—N. J. 58—N. Y. 1565—Ohio 129, 1039—Ore. 101—Wash. 224—Wis. 225

GROB INC.

Tenth Ave.
Grafton, Wis.

(See advertisement p. 32)

Ala. 112, 169—Ark. 25—Cal. 753, 1151, 1207—Colo. 105, 148—D. C. 18, 68—Fla. 84, 248, 280, 304, 311—Ga. 58—Idaho 13—Ill. 852, 860, 1035, 1038, 1144, 1158—Ind. 24, 277—Iowa 9, 107—Kan. 77—Ky. 71—La. 100, 192, 224, 231—Md. 21, 25, 33, 61—Mass. 57, 69, 233, 646—Mich. 119, 185, 389, 403, 625, 1156, 1203—Minn. 216, 312—Mo. 31, 108, 418, 460, 463, 470—Neb. 46—N. J. 350, 395—N. Y. 164, 315, 531, 655, 1330, 1585—Ohio 377, 648, 742, 1091, 1225—Okla. 22, 111—Ore. 153—Pa. 11, 14, 169, 197, 259, 604, 765, 983, 1123, 1339—R. I. 74—S. C. 24—Tenn. 12, 71, 261—Tex. 273, 463, 517, 685, 747—Utah 84—Va. 28, 52, 112—Wash. 76, 274—W. Va. 121—Wis. 387, 485

GROBET FILE CO. OF AMERICA, INC.

750 Washington Ave.
Carlstadt, N. J.

Ill. 343

GROOV-PIN CORP.

1125 Hendricks Causeway
Ridgefield, N. J.

Cal. 740, 908—Colo. 99—Conn. 340—Fla. 139—Ill. 122—Mich. 669—Minn. 179—Mo. 78, 378—N. J. 424—N. Y. 325—N. C. 67—Ohio 296, 886—Pa. 477, 965—Tex. 327—Wash. 258—Canada 586

GROTNES MACHINE WORKS, INC.

5454 N. Wolcott Ave.
Chicago 40, Ill.

Mich. 402—N. Y. 779

GULF OIL CORP.

Dept. DM

P. O. Box 1166
Pittsburgh 30, Pa.

Ga. 113—Ill. 347—La. 121—Mass. 107—N. Y. 897—Ohio 1612—Pa. 558—Tex. 587

GULTON INDUSTRIES, INC.

212 Durham Ave.
Metuchen, N. J.

Ala. 184—Cal. 227, 229, 661, 1126—Ill. 150, 180—Mass. 630—Mich. 614—Mo. 107—N. J. 85, 279, 289—N. M. 16—N. Y. 24, 577—Ohio 752, 1222, 1500—Pa. 402—Tex. 584—Wash. 185—W. Va. 11—Canada 283

GUNK LABORATORIES, INC.

S. Canal St.
Lawrence, Mass.

Ark. 33—Colo. 124—Ind. 169—Kan. 41—La. 53—Mich. 1246—Minn. 143—Mo. 493—Ohio 910—Okla. 100—Tex. 181, 755, 782, 844

GUTHRY MACHINE TOOL CORP.

38-31 Crescent St.
Long Island City 1, N. Y.

Conn. 302—Fla. 171—Ill. 166—Ind. 358—Mich. 403—Minn. 167—N. Y. 587, 1590—Pa. 1004—Tenn. 163—Wis. 387

CWILLIAM CO., THE

366 Furman St.
Brooklyn 1, N. Y.

(Contact manufacturer direct)

H —

H & B PETROLEUM CO.

799 E. 25th St.
Paterson 4, N. J.

Ga. 234—Iowa 56—N. Y. 446—Ore. 87, 97—R. I. 10—Wash. 261

H. B. TOOL CO.

1 Proffit Ave.
Springfield, N. J.

Ariz. 46—Cal. 207, 1440, 1515—Conn. 342, 483—Ill. 308—Mass. 344, 597—Mich. 722—N. J. 44—N. Y. 110, 836—Pa. 751—Wis. 408

HADDON TOOL & MANUFACTURING CO.

P. O. Box "B"
Merchantville 8, N. J.

(Contact manufacturer direct)

HAGE INDUSTRIAL CORP.

5135 Lewis Ave.
Toledo 12, Ohio

Ill. 1247—N. Y. 729—Ohio 1613

HALL MANUFACTURING CO.

622 Tulare St.
Los Angeles 26, Calif.

Cal. 893—Colo. 105—Fla. 182, 280—Kan. 131—Mo. 106—Ohio 279—Tenn. 270

HALL PLANETARY CO. OF PHILADELPHIA

5561 Baynton St.
Philadelphia 44, Pa.

Ala. 101—Cal. 664, 1423—Colo. 192—Conn. 455—D. C. 47—Fla. 5—Mass. 361, 601—Mo. 108, 521—N. J. 166—N. Y. 1282, 1683—Ohio 777—Tenn. 163—Tex. 676—Vt. 21—Wash. 301

HALLER, INC.

688 Ann Arbor Rd.
Plymouth, Mich.

(Contact manufacturer direct)

HAMILTON EMERY & CORUNDUM CO.

Middlefield St.
Chester, Mass.

(Contact manufacturer direct)

HAMILTON TOOL CO., THE

Ninth and Hanover St.
Hamilton, Ohio

Ala. 112—Ark. 25—Cal. 753, 1118—Colo. 105—Conn. 477—Fla. 304—Ga. 58, 62—Ill. 1038—Ind. 12, 222, 235, 273, 384—Ky. 84—La. 192—Mich. 714, 839, 983—Minn. 109—Mo. 66, 420—N. Y. 222, 609, 1404, 1585—N. C. 172—Ohio 233, 371, 648, 1225, 1386, 1679—Okla. 101—Pa. 221, 806—Tenn. 32, 163—Tex. 253, 747—Wash. 143—Wis. 189—Canada 181

HAMILTON WATCH CO.

Industrial Div.
Lancaster, Pa.

Cal. 106, 1177—Colo. 2—Ga. 81—Ill. 99, 1216—Ind. 497—Kan. 106—Mass. 548—Mich. 465—Mo. 145, 419—N. J. 64—N. Y. 483—N. C. 26—Ohio 1285, 1505—Ore. 186—Pa. 664, 1051—Tenn. 49, 216—Tex. 314—Utah 13—Wash. 269—Wis. 290—Canada 155, 529

HAMMOND MACHINERY BUILDERS, INC.

1600 Douglas Ave.
Kalamazoo, Mich.

Ala. 112—Ariz. 88—Cal. 517, 1070, 1207—Colo. 142—Conn. 477—D. C. 30—Fla. 172—Ga. 181—Ill. 13, 297—Ind. 75, 352—Ky. 84—Mass. 431—Mich. 519—Minn. 312—Mo. 470—N. J. 67—N. Y. 476—N. C. 137—Ohio 82, 139—Pa. 995, 1369—

Tex. 747—Wash. 76—Wis. 306—Canada 204, 467, 491, 612

HANCHETT MAGNA-LOCK CORP.

Magna-Lock, Inc.

1020 E. Maple St.
Big Rapids, Mich.

Cal. 605, 1249—Conn. 494—Ill. 544, 856—Ind. 235, 564, 573—Kan. 77—La. 166—Mass. 69, 413, 431, 666—Mich. 237, 368, 403, 625, 644, 823, 885, 956, 977, 1203, 1219—Minn. 180—Mo. 31, 127, 470—Neb. 33—N. J. 374—N. Y. 306, 442, 445—N. C. 219—Ohio 371, 648, 674, 1649—Okla. 98, 104, 122—Ore. 136—Pa. 178, 703, 712, 1069, 1087, 1123—R. I. 19, 74—Tenn. 162—Tex. 253, 317—Wis. 443—Canada 244, 506, 640

HANCHETT MANUFACTURING CO.

908 N. State St.
Big Rapids, Mich.

Ala. 74—Ore. 94

HANDY & HARMAN

82 Fulton St.
New York 38, N. Y.

Cal. 129, 892—Ill. 351—Mich. 405—N. Y. 900—Ohio 676—R. I. 52

HANGSTERFER'S LABORATORIES, INC.

Ogden Rd.
Mantua, N. J.

Cal. 672—Iowa 18—Ohio 454—Wis. 220

HANLO GAGE CO.

Div. of Johnson Die & Engineering Co.
16150 Hubbell Ave.

Detroit 35, Mich.

Cal. 672—Iowa 18—Ohio 454—Wis. 220

HANNA ENGINEERING WORKS

1768 Elston Ave.
Chicago 22, Ill.

Ala. 162—Cal. 741, 1322—Colo. 207—Conn. 277—Fla. 90, 172, 331—Ga. 193—Idaho 30—Ill. 982—Ind. 287, 504—Kan. 78—Ky. 72—La. 175—Mass. 138, 670—Mich. 444, 965—Minn. 118—Mo. 103, 590—Neb. 46—N. J. 164—N. Y. 140, 262, 1394—N. C. 28—Ohio 287, 1029, 1088, 1251—Okla. 30, 131—Ore. 154—Pa. 178, 414, 873—R. I. 22—S. C. 6, 31—Tenn. 42, 148—Tex. 394, 489—Utah 43—Va. 97—Wash. 2, 285—W. Va. 40—Wis. 159

HANNIFIN CO.

Div. of Parker-Hannifin Corp.

519D S. Wolf Rd.
Des Plaines, Ill.

(See advertisement p. 55-56)

Colo. 121—Ga. 116—Ill. 994, 1165—La. 197, 232—Minn. 93—Mo. 415—N. M. 36—N. Y. 276, 1334, 1557—Ore. 154—Tex. 115, 399, 520—Utah 56—Va. 131—Wash. 222—Wis. 484—Canada 91, 464, 631

HANOVER TOOL CO., INC.

449 York St.
Hanover, Pa.

Pa. 590

HANSEN MANUFACTURING CO., THE

4031 W. 150th St.
Cleveland 35, Ohio

Ala. 9—Cal. 209, 1103—Colo. 217—Conn. 482—Ga. 331—Ill. 556—Ind. 94—Ky. 126—La. 197—Md. 87—Mich. 566—Minn. 211—Mo. 249, 552—N. J. 88—N. Y. 279—Ohio 525, 989, 1281—Pa. 936, 1268—Tex. 304—Wash. 308—Wis. 312—Canada 61, 450, 523

HANSFORD MANUFACTURING CORP.

1239 University Ave.
Rochester 7, N. Y.

Cal. 254, 606, 1265, 1469—Colo. 192—Conn. 494—Fla. 304—Ga. 207—Ill. 464, 1223—Ky. 84—Mass. 171—Mich. 843—N. M. 29—N. Y. 1062, 1322—Ohio 346, 813—Ore. 174—Pa. 11, 169, 1021—Tenn. 163—Tex. 254—Wash. 274, 363—Wis. 328—Canada 439, 612

MANUFACTURERS

HANSON CO.

2605 Burdette
Ferndale 20, Mich.
Ill. 51, 783—Ind. 174—N. Y. 1428—
Ohio 778—Wis. 469

HANSON-VANWINKLE-MUNNING CO.

Matawan, N. J.
Cal. 318, 1107—Conn. 393—Ill. 352—
Ind. 5—Ky. 67—Md. 178—Mass. 618—
Mich. 407, 957—N. J. 480—N. Y. 673,
1323—Ohio 678, 1232—Pa. 563, 923—
Wis. 221

HANSON-WHITNEY CO.

169 Bartholomew Ave.
Hartford 2, Conn.
(Contact manufacturer direct)

HAPMAN CONVEYORS, INC.

634 Gibson St.
Kalamazoo, Mich.
Ala. 114—Colo. 162—Fla. 117—Ill. 1219—
Ind. 249—La. 4—Me. 34—Md. 66, 150—
Mass. 429—Mich. 299, 1120—Minn. 59—
Miss. 27—Mo. 114, 501—N. J. 275—
N. Y. 28, 227, 801, 1501—N. C. 189—
Ohio 220, 814—Pa. 826—Tenn. 138—
Tex. 639—Va. 129—Wash. 95—Wis. 119

HARCO ENGINEERING

12092 Woodbine Ave.
Detroit 39, Mich.
Cal. 425, 1470—Colo. 49—Ill. 1047—
Ind. 320—Iowa 31—Kan. 85—Mich. 913—
Mo. 108, 466—N. M. 42—N. Y. 173, 977—
Ohio 999—Okla. 111—Pa. 1222—
Tex. 319—Wash. 200—Wis. 89—
Canada 165

HARDINGE BROTHERS, INC.

1420 College Ave.
Elmira, N. Y.
Cal. 519, 875—Colo. 83—Conn. 462—
D. C. 95—Fla. 6—Ga. 117—Ill. 353—
Ind. 220—Kan. 127—Mass. 430—
Mich. 408—Minn. 109—Mo. 420—
N. Y. 902, 1349—N. C. 172—Ohio 533,
1233—Okla. 131—Ore. 153—Pa. 564, 964—
Tex. 115, 747—Utah 81—Wash. 275—
Wis. 32

HARD-N-TUFF CORP.

54 Mill Ln., Box 275
Huntington, L. I., N. Y.
Cal. 49, 331, 1123—Fla. 311—Ill. 208—
Md. 220—Mass. 306—Mich. 376, 780—
Minn. 310—N. J. 476—N. Y. 691, 765, 912,
979, 1082, 1136—N. C. 38—Ohio 459, 1021,
1143, 1694—Pa. 1150—S. C. 3—Tenn. 227—
Tex. 34, 745—Canada 289

HARDWARE PRODUCTS CO.

103 Richmond St.
Boston 13, Mass.
R. I. 62

HARDY TOOL & MACHINE DIV.

Spectol Corp.
10 Bridge St.
New York 4, N. Y.
(Contact manufacturer direct)

HARGREAVES INDUSTRIAL

(formerly, American Diamond Saw Sales)
129 N. W. Ninth Ave.
Portland 9, Ore.
(Contact manufacturer direct)

HARIG MANUFACTURING CORP.

3757 W. Howard St.
Chicago 48, Ill.
Ariz. 78—Ark. 25—Cal. 98, 359—
Colo. 155—Conn. 509—Del. 4—Ga. 191—
Idaho 13—Ill. 159—Ind. 153—La. 192—
Mass. 360—Mich. 983, 1169—Minn. 316—
Mo. 420—N. J. 201—N. Y. 277, 724, 1348—
Ohio 377, 853—Okla. 22—Ore. 61—
Pa. 1133—Tenn. 254—Tex. 194—Va. 52—
Wash. 177—Wis. 452—Canada 311

HARMON MACHINE CO., INC.

225 W. Lewis
Wichita 2, Kan.
(Contact manufacturer direct)

HARNISHFECER CORP.

4400 W. National Ave.
Milwaukee 46, Wis.
Ala. 75—Ariz. 44—Cal. 521, 1206—
Colo. 89—D. C. 41—Fla. 174—Ga. 118—
Ill. 354—Ky. 69—Mass. 109—Mich. 410—
Minn. 8, 115—Mo. 6, 129—N. J. 546—
N. Y. 256, 904—Ohio 263, 680, 1235—
Pa. 565, 924—Tex. 203—Va. 137—
Wash. 147—Wis. 222

HARRIS REFRIGERATION CO.

308 River St.
Cambridge 39, Mass.
(Contact manufacturer direct)

HARRISBURG STEEL CO.

Div. Harco Corp.
Box 329
Harrisburg, Pa.
(Contact manufacturer direct)

HARSCO CORP.

See Bradley & Son, C. D.
Standard Die Set Co.
Edlund Machinery Co.
Harrisburg Steel Co.

HARTEX DIV.

Union Twist Drill Co.
Athol, Mass.
Ill. 544—Ind. 407—Kan. 74—Mich. 728—
Mo. 584—N. Y. 881, 1465, 1598—Ore. 37—
Pa. 1100, 1308—Tenn. 105—Tex. 253, 463,
522—Canada 289, 478, 518, 640, 651

HARTFORD SPECIAL MACHINERY CO.

287 Homestead Ave.
Hartford 12, Conn.
Cal. 434, 523, 1198—Colo. 105—Conn. 98,
135, 212—Fla. 343—Ill. 171, 641, 1105,
1181—Ind. 250—Kan. 127—La. 192—
Mich. 409, 730, 1140—Minn. 242, 257—
Mo. 108, 119, 295, 460—Neb. 32—N. J. 94—
N. Y. 630, 1435, 1558—Ohio 279, 421, 877—
Okla. 32, 129—Ore. 174—Pa. 197, 549, 554,
1149, 1355—R. I. 63—Tenn. 163—
Tex. 194, 463, 717, 747—Utah 47—
Wash. 274—Wis. 355, 421—Canada 311

HARTMANN MANUFACTURING CO.

1637 Gould St.
Racine, Wis.
Wis. 457

HARTWYK MANUFACTURING CO.

360 Glenwood Ave.
E. Orange, N. J.
(Contact manufacturer direct)

HARVEY MANUFACTURING CO.

Subs. of Germanow-Simon Machine Co.
45-34 Court Sq.
Long Island City 1, N. Y.
Cal. 610—Fla. 172, 248—Ill. 1035—
Mass. 69—Minn. 109—N. J. 201, 395—
N. Y. 609, 684, 732, 999—Pa. 510, 1004—
R. I. 74

HASKINS CO., R. G.

2651 W. Harrison St.
Chicago 12, Ill.
Cal. 807, 1198—Fla. 40—Ga. 46—Ind. 273—
Iowa 122—Mass. 385—Mich. 519, 976—
Minn. 11, 159—Mo. 66, 584—N. J. 341—
N. Y. 233, 1325—Ohio 773, 1117, 1280—
Pa. 1053—Tenn. 122—Va. 12—
W. Va. 12—Wis. 34, 326—Canada 446

HASSALL, INC., JOHN

P. O. Box 2185
Westbury, L. I., N. Y.
Cal. 68—Conn. 91—Ill. 339—Mich. 82—

Mo. 543—N. J. 377—N. Y. 1478, 1686,
1690—Ohio 1614—Pa. 704, 955—Tex. 278—
Wash. 191

HAUSE MACHINES, INC.

809 S. Pleasant St.
Montpelier, Ohio
Cal. 77—Ga. 148—Ill. 1239—Mass. 329,
580—Mich. 425, 715—Minn. 107—Mo. 56—
N. J. 117—N. Y. 52, 390—N. C. 84—
Ohio 822, 891, 1262, 1477, 1478, 1630—
Pa. 158, 920—S. C. 8—Tex. 371—
Canada 214

HAWKEYE SPECIALTY CO.

1532 W. 14th St.
Davenport, Iowa
Ill. 767, 1246—Ind. 355—N. Y. 999—
Ohio 1410—Wis. 336

HAYDEN TWIST DRILL CO.

P. O. Box 437
Manila, Ark.
Cal. 130—Colo. 213—Ill. 239—Mich. 414—
Mo. 5—Ohio 132—Pa. 44—Tenn. 204—
Wis. 102

HAYES INC., C. I.

800 Wellington Ave.
Cranston 10, R. I.
Cal. 1390—Ill. 947—Mass. 279, 343—
Mich. 1285—N. Y. 1640—N. C. 69—
Ohio 539—Okla. 66—Pa. 245, 809—
R. I. 83—Tenn. 242—Tex. 549—
Wash. 268—Canada 311

HAYNES STELLITE CO.

Div. of Union Carbide Corp.
725 S. Lindsay St.
Kokomo, Ind.
Cal. 528, 1210—Ill. 361—Mich. 415—
N. Y. 905—Ohio 683—Tex. 592

HEALD MACHINE CO., THE

10 New Bond St.
Worcester 6, Mass.
Cal. 523, 1207—Colo. 155—Ga. 53—
Ill. 1045—Ind. 258—La. 166, 224—
Mass. 664—Mich. 416, 1066—Mo. 548—
Neb. 46—N. J. 293—N. Y. 1492—
Ohio 684, 1238—Ore. 79—Tenn. 163—
Tex. 676—Utah 47—Va. 50—Wash. 143—
Canada 440

HEALD MACHINE WORKS

1835 S. Stewart
Springfield 4, Mo.
Ariz. 88—Cal. 58—Colo. 56, 191—
Fla. 304—Ga. 181—Ill. 763—Ind. 277—
La. 166—Mass. 288—Mich. 426, 865, 983—
Mo. 470, 601—N. Y. 35, 656, 1585—Okla. 22,
104—Pa. 486—Tex. 517, 522, 676—Wash.
274

HEATH ENGINEERING CO.

168 Ault Rd., P. O. Box 821
Fort Collins, Colo.
Ala. 122, 211—Ariz. 35—Ark. 32—Cal. 308,
330, 458, 780, 904, 1005, 1015, 1086, 1107,
1486, 1517, 1536—Colo. 82—Conn. 38,
227—Del. 17—Fla. 180—Ga. 193—
Idaho 10—Ill. 208, 355, 411, 842, 1084—
Ind. 114, 275, 484, 555—Iowa 27, 125, 153,
175—La. 25, 223—Md. 58—Mass. 266, 525—
Mich. 690, 781, 1001, 1215, 1278, 1336—
Minn. 17, 169—Miss. 11—Mo. 134—
Mont. 6—N. J. 110, 240, 415, 476, 482—
N. Y. 2, 202, 257, 331, 541, 646, 651, 1082,
1092, 1332, 1522, 1573—N. C. 100, 224, 264—
Ohio 4, 31, 34, 95, 105, 355, 688, 1009, 1024,
1072, 1137, 1461, 1692, 1758—Okla. 3, 22,
26, 116—Ore. 106—Pa. 170, 212, 247, 288,
332, 388, 505, 1142, 1290, 1309—R. I. 57—
S. D. 2—Tenn. 7, 104, 119—Tex. 24, 469,
478, 482, 556, 612, 771, 797, 822, 832, 834,
873, 878—Utah 108—Va. 42—Wash. 30,
312—W. Va. 5, 33, 37—Wis. 17A, 85, 90,
322, 420, 475

HEBERT EQUIPMENT CO.

E. Dickerson St.
Romeo, Mich.
Mass. 628—N. Y. 655, 1623—Ohio 1410

HEIM CO., THE

46 Sanford St.
Fairfield, Conn.
Ariz. 62—Cal. 294, 603, 818, 870, 1077,
1131—Colo. 26—Conn. 411—Ga. 159—
Idaho 20—Ill. 908—Kan. 48, 68—Ky. 77—
Mass. 473—Mich. 784—Mo. 309—
N. J. 600—N. Y. 430—Ohio 126—Ore. 10,
48, 196—Pa. 269—Tex. 103—Utah 17—
Wash. 1, 17, 24, 58, 371—Canada 81, 120,
205, 242, 427, 604, 646, 653

HEINEMANN SAW CORP.

2017 Navarre Rd., S. W.
Canton 6, Ohio
(Contact manufacturer direct)

HEINRICH TOOLS INC.

2707 Industrial Dr.
Racine, Wis.
Cal. 546—Ga. 122—Ill. 276—Mich. 1300—
Mo. 449—N. Y. 1080—Tex. 372—
Wash. 191—Wis. 256—Canada 165

HELICOID GAGE DIV.

American Chain & Cable Co., Inc.
929 Connecticut Ave.
Bridgeport 2, Conn.
Colo. 91—Ill. 364—N. Y. 906—Pa. 927—
Tex. 594

HELI-COIL CORP.

Shelter Rock La.
Danbury, Conn.
Cal. 673—Ill. 908—Kan. 100—Mass. 273—
Mich. 422—Mo. 167, 437—N. Y. 525, 1366—
Ohio 706—Pa. 740—Tex. 178, 427, 576—
Canada 473

HELLER TOOL CO.

Sub. of Simonds Saw and Steel Co.
Heller Dr., P. O. Box 28
Newcomertown, Ohio
Cal. 409, 1045, 1162, 1377—Del. 12—
Fla. 317—Ga. 234—Ill. 587—Ind. 26—
Me. 7—Mass. 376, 487—Mich. 18, 395, 870,
1049, 1159, 1207, 1248—Minn. 11, 61—
Mo. 66, 470—N. H. 18—N. J. 204, 349—
N. Y. 297, 1032, 1235, 1560—Ohio 1015,
1345—Ore. 87—Pa. 131, 537, 836, 1287,
1351A—Tenn. 51, 102—Tex. 190, 461—
Va. 28—Wash. 102—W. Va. 40—Wis. 433

HENDLEY & WHITEMORE CO.

100 Blackhawk Blvd.
Beloit, Wis.
(Contact manufacturer direct)

HENRY MANUFACTURING CO., INC.

503 E. Reed St., P. O. Box 219
Bowling Green, Ohio
Ill. 281—Mass. 451—Mich. 71, 776—
Mo. 329—N. Y. 43, 1479—Ohio 974—
Pa. 279, 864—Canada 640

HENRY VALVE CO.

3215 North Ave.
Melrose Park, Ill.
Cal. 433, 1262—Colo. 134—Ga. 45—
Md. 138—N. Y. 909—Ohio 1662—Pa. 540—
Tex. 360—Wash. 216

HEPPENSTALL CO.

Midvale-Heppenstall Co.
4620 Hatfield St.
Pittsburgh 1, Pa.
Ala. 128—Cal. 94, 799—Colo. 145—
Conn. 194—Fla. 271—Ill. 367, 1015—
Ind. 71, 213, 489—Ky. 48—La. 184—
Mich. 418—Mo. 584—N. Y. 189, 1276, 1457,
1506—Ohio 687—Ore. 172—Pa. 171, 568,
930—Tex. 595—Utah 52—Wis. 298—
Canada 322

HERMES MACHINE TOOL CO., INC.

48-15 Northern Blvd.
Long Island City 1, N. Y.
(Contact manufacturer direct)

HERMAN STONE CO.

1860 N. Gettsburg Ave.
Dayton 27, Ohio
Cal. 722, 1198—Colo. 70—Conn. 459—
Fla. 336—Ga. 52—Ill. 99, 1216—Ind. 497—
Kan. 101, 118—Mass. 548—Mich. 373,
885—Minn. 180—Mo. 368—N. J. 542—
N. Y. 1375, 1476—N. C. 26—Ohio 790, 1347,
1504—Okla. 151—Ore. 186—Pa. 664, 934—
Tenn. 216—Tex. 168, 255—Va. 112—
Wash. 269—Wis. 220—Canada 476

HEUSER MANUFACTURING CO.

1638 N. Paulina St.
Chicago 22, Ill.
Cal. 424, 878—Mich. 373—Wis. 345

HEVI-DUTY ELECTRIC CO.

2040 W. Wisconsin Ave.
Milwaukee 1, Wis.
Ala. 159—Cal. 111, 1254—Colo. 188—
Conn. 289—Ill. 368, 1204—Ind. 304—
La. 17—Mich. 419, 558—Minn. 146
Mo. 324—N. J. 218—N. Y. 1722—
Ohio 689—Okla. 66—Tenn. 193, 290—
Tex. 589—Utah 34—Wash. 229

HEWITT-ROBINS, INC.

Industrial Products Div.
666 Glenbrook Rd.
Stamford, Conn.
(Contact manufacturer direct)

HI-DUTY DRILL WORKS

Division of Hi-Duty Industries, Inc.
Locust St.
Fleetwood, Pa.
Ind. 423—Minn. 288—N. Y. 840—Ohio 423,
963, 1682—Pa. 442—Wis. 102

HIGH PRECISION PRODUCTS CO.

142 Greenwood Rd.
Westfield, N. J.
(Contact manufacturer direct)

HIGH SPEED HAMMER CO. INC., THE

313 Norton St.
Rochester 21, N. Y.
Cal. 753, 1151—Mass. 608—Mich. 714—
N. J. 506

HIGH STANDARD MANUFACTURING CO.

1817 Dixwell Ave.
Hamden 14, Conn.
Ala. 64—Conn. 150—Ind. 423—Md. 78—
Mich. 465, 885—Mo. 567—N. Y. 638—
Ohio 423, 963, 1682—Pa. 514, 1299—
Utah 74—Wash. 258

HIGH VACUUM EQUIPMENT CORP.

Kinetics Corp.
2 Churchill Rd.
Hingham, Mass.
Mass. 335—N. J. 169—Ohio 1205

HILL, INC. WALTER P.

22183 Telegraph Rd.
Detroit 19, Mich.
Cal. 228—Ind. 407—Ky. 84—Mich. 1294—
N. C. 172—Pa. 1004

HILL ACME CO., THE

1201 W. 65th St.
Cleveland 2, Ohio
Ala. 22, 101—Ariz. 78—Cal. 243, 753, 1207,
1305—Colo. 105—Conn. 371—Fla. 248—
Ga. 167—Ill. 83, 297, 308, 429, 686—
Ind. 213—Kan. 26—La. 166, 224—
Mass. 20, 574—Mich. 261, 607, 666—
Minn. 275—Mo. 127, 584—Neb. 32—
N. J. 609—N. Y. 222, 564, 881, 1004, 1156,
1201—Ohio 50, 828, 875, 937, 1139—
Ore. 37—Pa. 51, 534, 878, 930, 949, 1154—
Tenn. 194—Tex. 115—Utah 57—Va. 112—
Wash. 235—Canada 297

HILL-CLARKE MACHINERY CO.

2100 S. Kilbourn Ave.
Chicago 23, Ill.
(Contact manufacturer direct)

HILL MACHINE CO.

1301 Eddy Ave.
Rockford, Ill.
Ariz. 120—Cal. 645—Fla. 5—Ill. 989,
1167—Kan. 39—Mich. 341—Miss. 40—
Mo. 329—Pa. 1266—Canada 180

HILLIARD CORP., THE

100 W. Fourth St.
Elmira, N. Y.
Ala. 93—Ariz. 107—Cal. 132, 1191—
Colo. 130—Fla. 353—Ga. 114—Ill. 824,
994—Ind. 457—Ky. 66—La. 124—Md. 25—
Mass. 632—Mich. 1032—Minn. 202—
Mo. 125, 502—N. J. 484—N. Y. 1392—
N. C. 127—Ohio 126—Pa. 226, 1044—
Tenn. 80, 160, 245—Tex. 624—Utah 84—
Va. 127—Wash. 87—Canada 467, 633

HILLYER CORP.

331 Centennial Ave.
Cranford, N. J.
Cal. 763, 1423—D. C. 95—Ill. 308—
Mass. 329—Mich. 572—Pa. 995—Tex. 314

HI-LO PRODUCTS CO. DIV.

Steel City Testing Machines, Inc.
8817 Lyndon Ave.
Detroit 38, Mich.
Conn. 282—Ill. 166, 606—Iowa 109—
Mass. 20—Minn. 288—N. J. 21, 272—
N. Y. 1697—Ohio 1410—Tex. 317—
Canada 165

HIMOFF MACHINE CO. INC.

23-14 44th Rd.
Long Island City 1, N. Y.
(Contact manufacturer direct)

HI-PRECISION GRINDING, INC.

929 Baker St.
Costa Mesa, Cal.
Cal. 46, 276, 491, 650, 1044, 1432—Fla. 182,
248—Ill. 396—Mass. 344—Mich. 184—
N. J. 154, 413—N. Y. 125, 416, 473, 528,
684, 864, 1041, 1697—Ohio 1306, 1410—
Pa. 604—Utah 2

HIRSCHMANN CO., INC., CARL

30 Park Ave.
Manhasset, L. I., N. Y.
(Contact manufacturer direct)

HISEY-WOLF MACHINE CO., THE

Galvin and Mt. Hope Ave.
Cincinnati 4, Ohio
Cal. 1345, 1528—Colo. 158—Fla. 320—
Ga. 270, 198—Ill. 1244—Mich. 1284—
Mo. 81—N. J. 105—Tex. 271

HI-SHEAR RIVET TOOL CO.

2600 W. 24th S.
Torrance, Cal.
(Contact manufacturer direct)

HITCHINER MANUFACTURING CO.

See Permatatch Diamond Tool Co.

HJORTH LATHE & TOOL CO.

8-12 Beacon St.
Woburn, Mass.
N. J. 376

HOBART BROTHERS CO.

Hobart Sq.
Troy 1, Ohio
Ala. 122—Ariz. 35—Ark. 3—Cal. 330, 458,
533—Colo. 7, 209—Conn. 206—Del. 1—
Fla. 318, 327—Ga. 193—Idaho 6—Ill. 373,
521—Ind. 90, 120, 312—Iowa 26—
Kan. 57—Ky. 47, 122—La. 179—Me. 15—
Md. 83—Mass. 225, 519—Mich. 10, 690—
Minn. 122—Miss. 11—Mo. 270—
Mont. 22—Neb. 10—Nev. 10—N. J. 338,
569—N. M. 30—N. Y. 588, 1443, 1522—
N. C. 224, 261—N. D. 1—Ohio 1024, 1692—
Okla. 33—Ore. 106—Pa. 388, 574—R. I. 3—
S. C. 25—S. D. 12—Tenn. 19—Tex. 149,
556—Utah 109—Va. 35, 84—Wash. 346—
W. Va. 5, 31—Wis. 931—Wyom. 5—
Canada 140, 187, 380

MANUFACTURERS

HOE & CO. INC., R.

910 E. 138th St.
New York 54, N. Y.
Ala. 80—Ill. 374—N. C. 206—Ore. 98—
Tenn. 174—Wash. 175

HOEFER MANUFACTURING CO.

109 N. Henderson Ave.
Freeport, Ill.
Conn. 308—Ill. 286—Ind. 259—Mass. 21—
Mich. 389, 983—N. Y. 222, 1139, 1395,
1585—Ohio 403, 668, 1122, 1315—Pa. 747—
Wis. 188—Canada 439, 505, 612

HOERN & DILTS

See The New Britain Machine Co.

HOFFMAN ENGINEERING CORP.

Ninth and Tyler
Anoka, Minn.
(Contact manufacturer direct)

HOFFMAN PRODUCTS CO., INC.

2500 W. Philadelphia St.
York, Pa.
Cal. 1274, 1466, 1474—Colo. 216, 235—
Fla. 142—Ill. 63, 503, 1250—Ind. 331, 561—
Ky. 38, 110—Mass. 438—Mich. 710,
1109—Mo. 131—N. Y. 882—N. C. 178—
Ohio 91, 889, 929—Okla. 170—Pa. 24, 315,
723—S. C. 34—Tex. 152

HOGGSON & PETTIS

MANUFACTURING CO., THE
149 Brewery St.
New Haven 7, Conn.
(Contact manufacturer direct)

HOGLUND ENGINEERING & MANUFACTURING CO., INC.

343 Snyder Ave.
Berkeley Heights, N. J.
Cal. 631, 1151—Ind. 308—Mich. 728—
Mo. 127—Ohio 978

HOLCROFT & CO.

6545 Epworth Blvd.
Detroit 10, Mich.
Conn. 10—Ill. 288—Ohio 1253, 1372—
Pa. 46—Tex. 700—Canada 513

HOLE ENGINEERING SERVICE

P. O. Box 4877
Detroit 19, Mich.
Cal. 53, 276—Conn. 232—Ill. 514, 1155—
Ind. 197—Kan. 118—Mass. 263—
Mich. 253, 1028—Mo. 477—N. Y. 362, 1688—
N. C. 26—Ohio 641, 1226, 1656—
Ore. 1256—Tenn. 124—Tex. 741—
Wis. 397—Canada 311

HOLMBERG CO. INC., AUGUST W.

133-31 39th Ave.
Flushing 54, N. Y.
(Contact manufacturer direct)

HOLMES GAGE & DEVELOPMENT CORP.

537 Bonham Ave.
Columbus 3, Ohio
Ala. 99—Cal. 441—Ill. 146—Ind. 179—
Mich. 311—N. Y. 1489—Ohio 719, 1336—
Tex. 317

HOLLO-KROME SCREW CORP. THE

31 Brook St., Elmwood Branch
Hartford, Conn.
(Contact manufacturer direct)

HOLTZER-CABOT DIV.

National Pneumatic Co., Inc.
125 Amory St.
Boston 19, Mass.
Ill. 378—Mass. 115—N. Y. 911, 1334—
Ohio 1369—Pa. 576—Tex. 425

HOLUB INDUSTRIES, INC.

413 DeKalb Ave.
Sycamore, Ill.
(Contact manufacturer direct)

HOMESTRAND, INC.

Koping Div.
9 Addison St.
Larchmont, N. Y.
Cal. 418—Conn. 148—Fla. 239—
Idaho 13—Ill. 127—Ind. 277—Iowa 122—
Kan. 77—Md. 21—Mass. 21, 646—
Mich. 553—Minn. 288—Mo. 66, 587—
N. M. 25—N. Y. 426, 540, 1281—Ohio 648—
Pa. 169, 658, 1002—Tex. 370, 750—Va. 48—
Wis. 320

HONES, INC., CHARLES A.

152 S. Grand Ave.
Baldwin, L. I., N. Y.
(Contact manufacturer direct)

HOOVER CHEMICAL CORP.

See Durez Plastics Div.

HOOPMAN, INC., W.

4519 Milwaukee Ave.
Chicago 30, Ill.
(Contact manufacturer direct)

HORBERG GAGE CO.

19 Staples St.
Bridgeport 1, Conn.
(Contact manufacturer direct)

HOSSFELD MANUFACTURING CO.

460-462 W. Third St.
Winona, Minn.
Cal. 269—Ill. 796—Ohio 1754—Pa. 1251

HOUDAILLE INDUSTRIES, INC.

Buffalo Hydraulics Div.
537 E. Delavan Ave.
Buffalo 11, N. Y.
Cal. 1457—N. Y. 263

HOUDAILLE INDUSTRIES, INC.

See also Manzel

HOUGHTON & CO., E. F.

303 W. Lehigh Ave.
Philadelphia 33, Pa.
Ala. 82—Cal. 539, 1214—Conn. 196,
428—Fla. 91—Ga. 126, 269—Ill. 380,
1107—Ind. 266, 540—Iowa 58, 103—
Ky. 70—Md. 86—Mass. 118, 522—
Mich. 424, 963, 1067, 1312—Minn. 123—
Mo. 137, 421—Neb. 39—N. H. 15—
N. J. 564—N. Y. 264, 915, 1328, 1458,
1547—N. C. 207—Ohio 101, 274, 700, 1085,
1619, 1739—Okla. 107—Ore. 100—Pa. 19,
187, 262, 577, 939, 1284—R. I. 56—
S. C. 46—Tenn. 29, 81, 167—Tex. 212,
599—Va. 87—Wash. 151—W. Va. 47—
Wis. 9, 228

HOUGHTON LABORATORIES, INC.

Hysol of California Div.
322 Houghton Ave.
Olean, N. Y.
Ariz. 43—Cal. 1447—Conn. 107—
Ill. 939—Ind. 324—Kan. 75—Mich. 139,
547A—N. H. 1—N. J. 488—N. Y. 1436—
N. C. 176—Ohio 920—Pa. 647, 1050—
Tex. 148—Wash. 129—Canada 384

HOVIS SCREWLOCK CO.

8100 E. Nine Mile Rd.
Warren, Mich.
(See advertisement p. 323)
Ill. 606—Pa. 590

HOWELL ELECTRIC MOTORS CO.

409-11 N. Roosevelt St.
Howell, Mich.
Cal. 547—Colo. 171—D. C. 26—
Fla. 246—Ga. 236—Ill. 381, 1170—
Ind. 271—Kan. 38—La. 49—Mich. 427,
964—Minn. 135—Mo. 304—N. J. 483,
485—N. Y. 252—N. C. 108—Ohio 275,
701, 1617—Pa. 470, 1137, 1347—Tenn. 95,
113—Tex. 303, 694—Utah 25—Va. 67—
Wash. 176—Wis. 227

HUCK MANUFACTURING CO.

2480 Bellevue Ave.
Detroit 7, Mich.
Ala. 83—Cal. 56, 155, 244, 540, 811,
1525—Colo. 96—Fla. 1, 176—Ga. 128—
Ill. 1078—Kan. 89—La. 47—Mass. 319—
Mich. 428—Minn. 126—Mo. 259, 423,
424—Neb. 40—N. J. 244—N. Y. 265—
N. C. 153—Ohio 276, 1740—Pa. 109, 149,
579, 1314—Tex. 213, 438—Wash. 153—
Canada 158, 382, 574

HUDSON AUTOMATIC MACHINE & TOOL CO.

137-139 38th St.
Union City, N. J.
Cal. 430—Fla. 287—Ill. 166—Mass. 555—
N. Y. 477—Tex. 273

HUFFORD CORP., THE

1700 E. Grand Ave.
El Segundo, Cal.
Colo. 63—D. C. 91—Fla. 256—Ind. 191—
Kan. 80—Minn. 312—Mo. 108, 319—
N. J. 67—N. Y. 1441, 1633—Okla. 67—
Tenn. 71—Tex. 253, 522—Canada 476

HUGHES PRODUCTS

Hughes Aircraft Co.
International Airport Station
Los Angeles 45, Cal.
(Contact manufacturer direct)

HUMM SAFETY EQUIPMENT

CORP., JOHN
255 Sheffield Ave.
Brooklyn 7, N. Y.
Cal. 448, 1442—Fla. 208—Ill. 768—
N. J. 47, 350, 395, 624

HUMPHREY PRODUCTS DIV.

General Gas Light Co.
202 N. Park St.
Kalamazoo, Mich.
Cal. 132, 1332—Conn. 356—Ill. 357—
Ind. 506—Mass. 441—Mich. 390—
Mo. 279—N. J. 176—N. Y. 1351—
Ohio 897, 1721—S. C. 8—Wis. 343—
Canada 423, 528

HUNT VALVE CO.

1900 E. Pershing St.
Salem, Ohio
Ala. 55, 191—Cal. 118, 1351—Conn. 247—
Ill. 183—Ind. 340—Ky. 66—La. 16, 127—
Mich. 360, 861, 946, 1117, 1356—
Minn. 292—Mo. 308—N. J. 399—
N. Y. 858, 1600, 1641—Ohio 36, 366, 618,
1256, 1601—Pa. 617, 1116—S. C. 61—
Tenn. 80, 160, 245—Tex. 72, 192, 433,
584—Utah 75—Va. 116—Wash. 271, 355—
W. Va. 22—Wis. 291—Canada 410

HUNTER SPRING CO.

1 Spring Ave.
Lansdale, Pa.
Cal. 537—Ky. 131—Mass. 397—N. Y. 1329

HUNTER TOOLS

9851 Alburtil Ave.
Santa Fe Springs, Cal.
Ariz. 38—Cal. 1234, 1434—Conn. 144—
Fla. 232—Ga. 187—Ill. 369—Mich. 737—
N. Y. 744—Ohio 316—Ore. 5—Pa. 1112—
Tex. 535—Canada 367

HUNT'S GRINDING & MANUFACTURING

6300 S. San Pedro St.
Los Angeles 3, Cal.
Ill. 529—N. M. 39—Tex. 289

HUPPERT CO., K. H.

6828 S. Cottage Grove Ave.
Chicago 37, Ill.
Ariz. 112—Cal. 91, 331, 652, 1199, 1216—
Colo. 142—Conn. 149, 338—Fla. 171,
280—Ill. 316, 333, 502, 1204—Ind. 137,
243—Iowa 100—Md. 23, 33—Mass. 160,
288, 646—Mich. 391, 421—Minn. 299—
Mo. 66, 103, 119, 403—Neb. 32—N. J. 154,

MANUFACTURERS

352, 395—N. M. 25—N. Y. 111, 117, 464,
680, 1036—N. C. 137—Ohio 711, 742, 890,
1247—Pa. 39, 570, 977—Tenn. 148—
Tex. 255, 747—Va. 52—W. Va. 12—
Wis. 216, 468—Canada 14, 161, 542, 640

HURON MACHINE PRODUCTS, INC.

6252 Monroe Blvd., P. O. Box 2274
Dearborn, Mich.
Cal. 78—Conn. 466

HUSKY AIR DEVICES

6500 Avalon Blvd.
Los Angeles 3, Cal.
Ala. 162—Cal. 77, 216, 606, 702, 983,
1322, 1461—Ill. 57—Mich. 444—
Minn. 103—Mo. 391—N. J. 164—
N. J. 140, 333, 431, 1392—Ohio 1029—
Okla. 35—Pa. 178, 408—R. I. 22—
Utah 83—Wash. 270

HUTCHINSON CO., WILLIAM T.

53 Brown Ave.
Springfield, N. J.
(Contact manufacturer direct)

HYATT BEARINGS DIV.

General Motors Corp.
Harrison, N. J.
Cal. 898—Ill. 384—Mich. 433—Pa. 940

**HYDRAULIC ELECTRONIC PNEUMATIC
MANUFACTURING CO., INC.**

1423 Corlies Ave.
Neptune, N. J.
Cal. 1291—N. Y. 1718—Ohio 425—
Tex. 172, Wash. 12—Canada 605

**HYDRAULIC PRESS MANUFACTURING
CO., THE**

A Div. of Koehring Co.
Marion Rd.
Mount Gilead, Ohio
Cal. 599, 1469—Colo. 142—D. C. 30—
Fla. 248—Ga. 58—Ill. 1079—La. 112,
214—Mass. 230—Mich. 434—Mo. 64,
319—Neb. 32—N. J. 539—Okla. 67—
Pa. 941—S. C. 24—Tenn. 105—Tex. 343,
401, 727—Utah 100—Va. 112—Wash. 143—
Canada 311

HYDRO-LINE MANUFACTURING CO.

5600 Pike Rd.
Rockford, Ill.
Ariz. 107—Cal. 910, 1467—Colo. 178—
Conn. 247—Ga. 190—Ill. 614, 1171—
Ind. 417—Mass. 363—Mich. 96, 435, 871—
Minn. 208—Mo. 39—N. Y. 358, 968—
Ohio 364, 850, 1293—Pa. 614, 983—
Wash. 355—Canada 24, 38, 438, 610

HYDROWAY SCALES, INC.

Box 531, Oak Ridge Station
Royal Oak, Mich.
(Contact manufacturer direct)

HYPNEUMAT INC.

647 W. Virginia St.
Milwaukee 4, Wis.
Cal. 403, 910—Conn. 44—Ill. 628—
Ind. 506—Mass. 299—Mich. 425—
Mo. 470—Neb. 46—N. J. 263—N. Y. 1318—
N. C. 26—Ohio 44, 1721—Pa. 590, 1149—
Tex. 371

HY-PRO TOOL CO.

461 Mt. Pleasant St.
New Bedford, Mass.
Cal. 246, 1516—Conn. 69, 120, 146, 267,
437—Ga. 148—Ill. 826, 1151, 1287—
Ind. 130—Iowa 151—Kan. 25—Ky. 24—
Md. 78—Mass. 11, 23, 376, 420, 454, 541,
674—Mich. 195, 268, 325, 436, 528, 1251—
Mo. 531—N. H. 18—N. J. 93, 395, 627—
N. Y. 44, 100, 220, 420, 452, 901, 1288,
1554—Ohio 34, 105, 116, 251, 428, 760,
1011, 1041, 1123, 1743—Pa. 455, 644, 840,
1296—R. I. 31, 72—Wis. 163

HYCOL OF CALIFORNIA DIV.

See Houghton Laboratories, Inc.

HYSTER CO.

2902 N. E. Clackmas St.
Portland 8, Ore.
Ala. 36—Ariz. 36—Cal. 548, 1217—
Colo. 114—Fla. 169—Ill. 23, 1110—
Ind. 225—Iowa 107—Ky. 54—La. 130—
Md. 110—Mass. 249—Mich. 437—
Minn. 185—Mo. 168—N. Y. 324, 590,
1654—N. C. 143—Ohio 172, 817, 1579—
Okla. 24—Ore. 105—Pa. 641—Tex. 137,
532—Utah 15—Va. 105—Wash. 155, 214—
Wis. 423—Canada 99, 136A, 477

— I —

I-T-E CIRCUIT BREAKER CO.

1900 Hamilton St.
Philadelphia 30, Pa.
Ala. 58—Ariz. 107—Ark. 41—Cal. 550,
1219—Colo. 98—Conn. 151—D. C. 49—
Fla. 114, 288, 330—Ga. 131—Ill. 386,
1175—Ind. 269—Iowa 62—La. 118, 206—
Md. 88—Mass. 123, 450—Mich. 439—
Minn. 129—Miss. 16—Mo. 141, 427—
Mont. 17—Neb. 41—N. Y. 921, 1550,
1636—N. C. 73—Ohio 281, 458, 704, 762—
Okla. 114—Ore. 85—Pa. 20, 310, 582, 792,
942—Tenn. 159—Tex. 12, 119, 384, 606—
Utah 80—Wash. 134—W. Va. 21—Wis. 229

IDEAL INDUSTRIES, INC.

4152 Park Ave.
Sycamore, Ill.
Cal. 601, 1249—Colo. 28—Fla. 125, 215,
259—Ga. 132—Ill. 388, 1253—Ind. 542—
Iowa 66, 120—Kan. 51—La. 168—Md. 77—
Mass. 89—Mich. 441—Minn. 90, 484—
Neb. 26—N. Y. 922, 1551—Ohio 282, 705—
Okla. 31—Pa. 583, 943—Tex. 186, 577—
Utah 88—Va. 109—Wash. 219—Wis. 491—
Canada 621

IDEAL TOOL AND DIE CO., INC.

733-735 Congress St.
Schenectady 3, N. Y.
Cal. 359, 1151—Conn. 57, 226, 267, 284,
342, 387, 408, 494—Ga. 58, 207—
Ill. 430, 1035, 1168—La. 100—Md. 61—
Mass. 11—Mich. 625—Neb. 32—N. J. 201,
306, 395, 468—N. Y. 106, 118, 120, 258, 291,
451, 464, 531, 534, 602, 608, 630, 655, 684,
715, 732, 754, 784, 785, 787, 1042, 1065,
1069, 1074, 1084, 1097, 1104, 1122, 1126,
1168, 1178, 1502, 1585—Ohio 54, 569, 648,
742, 802, 1014, 1432, 1654—Ore. 93, 153—
Pa. 163, 197, 229, 293, 703, 926, 1087, 1303,
1355—R. I. 60—Tex. 690—Utah 63—
Va. 20, 50, 149—Wash. 107, 274—
Wis. 307, 352, 358, 408, 493—Canada 421

ILLINOIS GEAR & MACHINE CO.

2108 N. Natchez Ave.
Chicago 35, Ill.
(Contact manufacturer direct)

ILLINOIS METAL PRODUCTS

429 W. Superior St.
Chicago 10, Ill.
Cal. 424, 1432, 1470—Ill. 233, 515, 516,
557, 1147—Ind. 531—Mass. 344, 689—
Mich. 490—N. J. 9, 121, 277—N. Y. 291,
1122—Pa. 664, 1151—Va. 66—Wis. 163—
Canada 200

ILLINOIS TOOL WORKS

Tool & Machine Div.
2501 N. Keeler Ave.
Chicago 39, Ill.
Ala. 165, 172—Ariz. 69, 110—Cal. 81, 168,
286, 322, 585, 650, 717, 848, 890, 1079, 1207,
1399, 1524—Colo. 142—Conn. 69, 93, 182,
189, 325—D. C. 68—Fla. 45, 102, 285,
351—Ga. 58—Idaho 13—Ill. 8, 35, 94, 120,
841, 915, 987, 1183, 1256—Ind. 48, 92, 108,
109, 240, 323, 473, 491, 514, 556—Iowa 10,
41, 118, 139, 151, 158, 171—Kan. 130—
Ky. 24—La. 98, 220—Me. 25—Md. 36,
197—Mass. 229, 463, 540, 671—Mich. 34,
325, 442, 850, 977, 1049, 1094, 1128, 1164,

1203, 1329—Minn. 257—Mo. 177, 470—
Neb. 20—N. H. 12—N. J. 64, 137, 190,
209, 305, 451, 536, 553—N. M. 25—
N. Y. 350, 407, 440, 567, 1239, 1253, 1320,
1557—N. C. 13, 38, 137, 151, 186, 196,
245—Ohio 35, 371, 446, 782, 839, 957,
1127, 1237, 1498, 1534, 1654, 1673, 1753—
Okla. 22, 146—Ore. 71—Pa. 180, 316, 650,
798, 1299, 1303—S. C. 13, 33, 58—
Tenn. 1, 34, 148—Tex. 289, 319, 338, 401,
431, 671, 775—Utah 83—Va. 28, 52, 142—
Wash. 258, 350—W. Va. 11—Wis. 75, 408,
446—Canada 168

IMPERIAL STAMP & ENGRAVING CO.

8258 N. Christiana Ave.
Skokie, Ill.
Ill. 1181—Mich. 872—N. Y. 552—Wis. 64

INDEX INDUSTRIAL CORP.

150 Broadway
New York 38, N. Y.
Cal. 430, 505, 1204—Conn. 55, 56—
Ill. 114—Ind. 198—Kan. 24—Md. 21—
Mass. 646—Mich. 386, 991—Minn. 109—
Mo. 463—N. J. 47—N. Y. 609—Ohio 709—
Ore. 153—Pa. 1068, 1355—Tex. 214, 603

INDEX MACHINE CO.

543 N. Mechanic St.
Jackson, Mich.
(See advertisement p. 316)

Ala. 169—Ariz. 10, 18—Cal. 434, 536,
1310—Colo. 142—Del. 11—D. C. 18—
Fla. 168, 280—Ga. 58—Ill. 155, 294, 308,
441, 1008, 1158—Ind. 28, 75, 277—
Iowa 9, 11, 21, 38, 56, 99, 164, 166—
Kan. 78—Ky. 84—La. 100—Md. 25, 33,
61—Mass. 258—Mich. 145, 714, 1092, 1125,
1203, 1347—Minn. 229—Miss. 21—
Mo. 103, 418—Neb. 42—N. J. 395—
N. Y. 222, 655, 1395, 1585—N. C. 26—
Ohio 15, 196, 207, 302, 742, 895, 1018,
1091, 1152, 1660, 1255, 1259—Okla. 101—
Pa. 650, 658, 798, 1123—R. I. 60—
Tenn. 92, 148, 166—Tex. 246, 685, 779—
Utah 47—Va. 28, 48, 101—Wash. 76—
Wis. 69, 139, 194—Canada 269, 321, 478,
518, 640, 651

INDIANA COMMERCIAL FILTERS CORP.

Lebanon, Ind.
Fla. 126—Ill. 390—Ind. 209—La. 89—
Md. 155—Mo. 574—N. J. 493—N. Y. 239,
564—Ohio 240, 957—Pa. 63, 1037—
W. Va. 12—Wis. 264

INDIANA COPPER CORP.

662, Lincoln Blvd.
Marion, Ind.
(Contact manufacturer direct)

INDUNION HEATING CORP.

181 Wythe Ave.
Brooklyn 11, N. Y.
Cal. 1491—Colo. 63—Conn. 412—
Fla. 286—Ill. 349—Iowa 67, 177—
La. 100—Md. 214—Mass. 274—
Mich. 695—Minn. 147—Mo. 183, 476—
N. J. 14—N. Y. 1058, 1333—N. C. 257—
Ohio 876, 1205, 1418—Pa. 63, 1133—
Tex. 30, 270, 676, 686—Wis. 212, 393

INDUSTRIAL CITY BORING CO.

11474 E. Nine Mile Rd.
Warren, Mich.
Mich. 1374—N. J. 33, 36

INDUSTRIAL CONTROLS SECTION

Bendix Aviation Corp.
21820 Wyoming Ave.
Detroit 37, Mich.
Cal. 554—Mass. 603

INDUSTRIAL ELECTRONICS, INC.

8060 Wheeler Ave.
Detroit 10, Mich.
Cal. 963—Mich. 336—Ohio 1666

INDUSTRIAL ENTERPRISES, INC.

See Mitchell Specialty Div.

MANUFACTURERS

INDUSTRIAL GAGES, INC.

291 N. Madison St.
Rockford, Ill.

(Contact manufacturer direct)

INDUSTRIAL LOFTING & MANUFACTURING CO., INC.

139 Bay St.
Bridgeport 7, Conn.
Ill. 41—Mass. 388

INDUSTRIAL METAL PRODUCTS CORP.

3417 W. St. Joseph
Lansing 1, Mich.
Cal. 1405—Conn. 213—Mich. 96, 838—
Tenn. 67—Wis. 387—Canada 214

INDUSTRIAL MODELS, INC.

2311 Seconet Rd. Arden
Wilmington 3, Del.
Cal. 555—Ill. 393—La. 134—Mich. 70—
N. Y. 925—Ohio 707—Tex. 610—
Canada 577

INDUSTRIAL TECTONICS, INC.

(Ballixing Tools)
3686 Jackson Rd.
Ann Arbor, Mich.
Ariz. 47—Cal. 104, 672—Colo. 214—
Ga. 81—Ind. 9, 236—Mass. 283, 455—
Mich. 718—Minn. 180—Mo. 244, 557—
N. Y. 1189, 1609—N. C. 261—Ohio 609,
952—Pa. 240—Tex. 235, 317

INDUSTRIAL TECTONICS, INC.

(Bearings)
Ariz. 47—Cal. 104—Colo. 214—Ga. 81—
Ind. 9—Mass. 283—Minn. 180—Mo. 244,
557—N. Y. 1609, 1189—N. C. 261—
Ohio 609—Pa. 240—Tex. 317

INDUSTRIAL TECTONICS, INC.

(Tooling Balls)
Cal. 104—Colo. 214—Ga. 81—Ind. 9—
Mass. 283—Minn. 180—Mo. 244, 557—
N. Y. 1189, 1609—N. C. 261—Ohio 609—
Pa. 240

INDUSTRIAL TOOL SERVICE

2071 Rosewood
Elyria 7, Ohio
Mass. 361, 456—N. J. 438—N. Y. 248, 1443,
1637—Ohio 1359—Pa. 195—Va. 66

INDUSTRIAL WASHING MACHINE CORP.

32 Main St.
Matawan, N. J.
Cal. 877—Mass. 667—N. Y. 307, 1360—
Ohio 876—Pa. 70

INFILCO, INC.

901 S. Campbell Ave.
Tucson, Ariz.
Ind. 371—Mass. 635—Mich. 728—
Mo. 195—N. Y. 656—Ohio 384—Pa. 902,
1199—Tex. 669—Wis. 482

INGERSOLL MILLING MACHINE CO.

707 Fulton St.
Rockford, Ill.
(Contact manufacturer direct)

INGERSOLL-RAND CO.

11 Broadway
New York 4, N. Y.
(See advertisement p. 34)
Ala. 85—Cal. 558, 1221—Colo. 103—
Conn. 373—D. C. 52—Fla. 346—Ga. 133—
Ill. 396—Ind. 281, 546—Ky. 2—La. 137—
Md. 90—Mass. 125, 524—Mich. 448—
Minn. 9, 131—Mo. 143, 428—Mont. 16—
N. J. 511—N. Y. 267, 1459, 1552—
N. C. 78—Ohio 284, 710, 1621, 1702, 1722—
Okla. 49, 113—Ore. 109—Pa. 286, 377, 588,
946, 1208—Tenn. 83, 171—Tex. 43, 73, 220,
398, 613—Utah 53—Va. 38, 89, 138—
Wash. 160—Wis. 233

INGRAHAM CO., THE

N. Main St.
Bristol, Conn.
Colo. 154—Ga. 281—Mass. 697—
Mich. 1178—Mo. 13—N. Y. 1232—
Pa. 280—Tex. 122

INLAND STEEL CO.

30 W. Monroe
Chicago 3, Ill.
Ill. 397—Ind. 283—Iowa 60—Mich. 449—
Minn. 297—Mo. 144, 429—N. Y. 926—
Tex. 614—Wis. 234

INNOCENTI CORP.

43 W. 61st St.
New York 23, N. Y.
(Contact manufacturer direct)

INTEGRAL ENGINEERING CO.

17134 Wyoming Ave.
Detroit 21, Mich.
Ill. 77, 1158—Ind. 236—Mich. 216, 624,
873, 1269—N. J. 277—N. Y. 401—
Ohio 519, 951, 1179, 1637—Pa. 650—
Wis. 376

INTER-LAKES ENGINEERING CO.

39200 Groesbeck Hwy., P. O. Box 147
Mt. Clemens, Mich.
(See advertisement p. 130)
Cal. 1405—Conn. 346—Fla. 36—Ga. 191—
Ill. 1083—Mich. 135, 854, 1234A—
Minn. 97—Mo. 56—N. J. 379—
Ohio 1001—Pa. 1123

INTERNATIONAL ABRASIVE CORP.

64 W. Second St.
Clifton, N. J.
(Contact manufacturer direct)

INTERNATIONAL BUSINESS

MACHINES CORP.
590 Madison Ave.
New York 22, N. Y.
Cal. 549, 1218—D. C. 48—Ga. 129—
Ill. 385—Mass. 122—Mich. 438—
Minn. 128—Mo. 140—N. J. 104—N. Y. 920,
1549—Ohio 280, 703—Pa. 581—Tex. 216—
Wash. 156

INTERNATIONAL CHEMICAL CO., INC.

2628 N. Mascher St.
Philadelphia 33, Pa.
Conn. 20—Ill. 942, 1019—Ind. 284—
Mich. 1038—N. Y. 268, 461

INTERNATIONAL NICKEL CO., INC., THE

67 Wall St.
New York 5, N. Y.
Ala. 155—Ariz. 66—Cal. 654, 1084,
1278—Colo. 140—Conn. 520—Fla. 119,
213, 337—Ga. 234—Ill. 709—Ind. 408—
Ky. 128—La. 26, 148—Md. 166—
Mass. 268—Mich. 705, 1013—Minn. 227—
Mo. 224, 546—N. J. 186—N. M. 38—
N. Y. 377, 1163, 1432, 1622—Ohio 459,
1021, 1143, 1694—Okla. 137—Ore. 75—
Pa. 758, 1150—S. C. 59—Tex. 45, 74, 262,
446, 655, 851—Utah 71—Wash. 119, 331—
Wis. 399

INTERNATIONAL REFINING & MANUFACTURING CO.

2117 Greenleaf St.
Evanston, Ill.
(Contact manufacturer direct)

INTERNATIONAL RESEARCH & DEVELOPMENT CORP.

6150 Huntley Rd., P. O. Box 55
Worthington, Ohio
Cal. 96—Conn. 441—D. C. 42—
Fla. 309—Ill. 12—Ind. 509—Mich. 825—
N. J. 179, 592—Ohio 1108—Tex. 392—
Utah 83—Wash. 314—Canada 201, 585

INSPECTION DEVICES CO., INC.

Div. of Corco Tool Co.
5408 S. Halsted St.
Chicago 9, Ill.
(Contact manufacturer direct)

INSPECTION EQUIPMENT CO.

1610 S. Woodward Ave.
Birmingham, Mich.
(Contact manufacturer direct)

IPSEN INDUSTRIES, INC.

715 S. Main St.
Rockford, Ill.
Cal. 865—Ill. 1173—Mich. 450—N. J. 354—
Ohio 1412—Pa. 947—Tex. 221, 615—
Canada 388

— J —

J & S TOOL CO., INC.

87 Dorsa Ave.
Livingston, N. J.
Cal. 717, 819—Conn. 258—Ga. 42—
Ill. 155—Ind. 213—Md. 78—Mass. 229,
621—Mich. 315, 1050—Mo. 477—N. J. 201,
396—N. Y. 589, 901, 1611—Ohio 648—
Ore. 61—Pa. 604, 1077—Tex. 370—
Va. 66—Wash. 248—Canada 440

JACK & HEINTZ, INC.

17600 Broadway
Cleveland 1, Ohio
Cal. 270—D. C. 53—Ill. 401—Kan. 91—
N. Y. 623—Ohio 1249—Tex. 222—Wash. 8

JACOBS MANUFACTURING CO., THE

West Hartford 10, Conn.
Cal. 674—Conn. 215—Ill. 1065—Mich. 55—
Ohio 1036—Tex. 210

JAHN MANUFACTURING CO., THE B.

200 Ellis St.
New Britain, Conn.
(Contact manufacturer direct)

JANETTE ELECTRIC

MANUFACTURING CO.
LeHigh at Main
Morton Grove, Ill.
Cal. 464, 1225—Colo. 185—Ga. 116—
La. 77—Mass. 450—Mich. 840, 1158—
Minn. 162—Mo. 199, 305—N. J. 177, 494—
N. Y. 276, 1334, 1557—Ohio 286, 725—
Okla. 154—Ore. 161—Pa. 1137—
Tenn. 175—Tex. 201, 512—Utah 79—
Va. 67—Wis. 238

JANNEY CYLINDER CO.

7401 State Rd.
Philadelphia 36, Pa.
Cal. 1223—Colo. 106—Ill. 619—La. 170—
Mich. 521—Mo. 4—Tex. 546—Wis. 263

JAPAX AMERICA CORP.

Box 3626
Seattle 24, Wash.
Cal. 893—N. Y. 1116—Wash. 76

JAQUITH CARBIDE DIV.

Pratt & Whitney Co., Inc.
19 Stewart St.
Lynn, Mass.
Ala. 124—Cal. 670, 1294—Colo. 165—
Conn. 486—Fla. 129—Ill. 601—Mass. 261—
Mich. 620—Mo. 504—N. Y. 467, 1374, 1589,
1639—N. C. 109—Ohio 375, 870—
Ore. 119—Pa. 680, 1064—Tex. 314, 733—
Wash. 241—Wis. 340—Canada 171, 195

JARECKI CORP.

320 Hall St., S. W.
Grand Rapids 2, Mich.
Mich. 454

JARVIS CORP.

Middletown, Conn.
Ala. 6—Ariz. 110—Cal. 279, 563, 1432—
Colo. 107—Conn. 106, 256—Fla. 14, 136—
Ill. 267, 404—Ind. 327, 478—Iowa 3—
Md. 31—Mass. 22, 448, 534—Mich. 364,
933, 1308—Minn. 316—Mo. 56, 450—
N. J. 75—N. Y. 415, 1191, 1463, 1694,
1704—N. C. 114—Ohio 713, 1149, 1300—
Pa. 205, 291, 480—Tenn. 201—Tex. 418—
Wash. 133—Wis. 316, 401—Canada 103,
321

JAW MANUFACTURING CO.

39 Mulberry St.
Reading, Pa.
Cal. 905—Fla. 206—Minn. 76—N. J. 334—
N. Y. 837—Tex. 226—Canada 375

JEMCO TOOL CORP.

22 State St.
Seneca Falls, N. Y.
Cal. 151, 254, 696, 1265—Conn. 415—
Ill. 502, 653—Ind. 383—Mass. 172—
Mich. 657—Mo. 522—Neb. 46—N. J. 223—
N. Y. 335—N. C. 119—Ohio 396, 903—
Pa. 702, 1085—Wash. 253, 358—Wis. 363

JEON MANUFACTURING CO.

P. O. Box 7650
Washington 20, D. C.
Ariz. 103—Cal. 434—Colo. 155—
Conn. 131—Ill. 543—Md. 214—
Mass. 385—Mich. 625—Minn. 196—
N. J. 47—N. Y. 531—Ohio 331, 1014—
Pa. 596—Canada 204

JERGENS DIV.

See Donley Products, Inc.

JERGENS TOOL SPECIALTY CO.

712 E. 163rd St.
Cleveland 10, Ohio
Cal. 697, 938—Conn. 302, 501—Fla. 320—
Ill. 53, 1199—Ind. 109, 221—Mass. 385—
Mich. 326, 1122—Minn. 316—Mo. 225,
527—N. J. 266—N. Y. 94, 401—Ohio 1081,
1172, 1654—Pa. 392, 650, 1337—Wis. 213

JERPAK BAYLESS CO.

34150 Solon Rd.
Solon, Ohio
Cal. 1378—Ill. 41—Ind. 312—Mich. 851,
1028, 1181—Minn. 30—N. Y. 363, 951—
Ohio 1262, 1654—Wash. 191—Canada 467

JERSEY MANUFACTURING CO.

401 Livingston St.
Elizabeth 1, N. J.
Cal. 301—Mich. 163—N. Y. 273—Pa. 590

JES-CAL CO.

31485 Groesbeck Hwy.
Fraser, Mich.
(Contact manufacturer direct)

JESSOP STEEL CO.

500 Green St.
Washington, Pa.
Ala. 87—Cal. 565—Conn. 198—D. C. 54—
Ill. 408—Ind. 288—Mich. 457—Mo. 377—
N. Y. 932, 1706—N. C. 79—Ohio 288, 717—
Pa. 592, 951—Tex. 619, 637—Wis. 123—
Canada 484

JEFFY DISINTEGRATOR, INC.

1503 E. 11 Mile Rd.
Royal Oak, Mich.
(Contact manufacturer direct)

JOHANSSON GAGE CO., C. E.

10641 Haggerty Ave.
Dearborn 1, Mich.
(See advertisement p. 314)
Cal. 1362—Colo. 4, 105—Fla. 338—
Ill. 41—Ind. 197—Md. 31—Mass. 263—
Mich. 138, 182—Minn. 284—Mo. 303—
N. Y. 426, 681—Ohio 454, 480, 1572—
Pa. 562, 955—Tenn. 49—Tex. 317—
Utah 26—Wash. 172—Wis. 401

JOHANSSON CO., THE I. O.

7730 Austin Ave.
Skokie, Ill.
(Contact manufacturer direct)

JOHNSON & BASSETT, INC.

114 Foster St.
Worcester 8, Mass.
Ala. 112—Ark. 25—Cal. 753—Colo. 136—
D. C. 47—Fla. 249—Ill. 514—Iowa 107—
La. 192—Md. 108—Mass. 340—Mich. 389,
983—Minn. 312—Mo. 319—Neb. 46—
N. Y. 609, 1611—Ohio 802—Pa. 995—
Tex. 463, 736—Va. 52—Wash. 76—
Canada 440

JOHNSON BRONZE CO.

500 S. Mill St.
New Castle, Pa.
Cal. 566, 901—Ga. 137—Ill. 409—
Mass. 254—Mich. 458—Mo. 146, 432—
N. J. 357—N. Y. 270, 933—Ohio 289,
721—Pa. 593, 951—Tex. 225, 620—
Wash. 164

JOHNSON DRILL HEAD CO.

2401 20th St.
Rockford, Ill.
Ark. 25—Ill. 1175—Ind. 423—Mich. 572—
N. H. 27—Ohio 423, 963, 1410, 1682—
Wis. 424

JOHNSON GAS APPLIANCE CO.

520 East Ave., N. W.
Cedar Rapids, Iowa
(Contact manufacturer direct)

JOHNSON MACHINE & PRESS CORP.

Div. of Bontrager Corp.
620 W. Indiana Ave.
Elkhart, Ind.
Ala. 79—Ark. 10, 25—Cal. 615, 1207—
Colo. 83—Conn. 53, 504—D. C. 30—
Fla. 137, 172, 345—Ga. 135—Idaho 13—
Ill. 400, 1144—Ind. 24, 227, 246, 606—
Iowa 9—Kan. 65—Ky. 84—La. 192, 231—
Md. 61—Mass. 288—Mich. 58, 119—
Minn. 171, 275, 298—Miss. 29—Mo. 106,
470—N. H. 13—N. J. 410—N. Y. 164, 655,
1309—N. C. 58, 158—Ohio 76, 181, 1426—
Okla. 22, 98—Ore. 147—Pa. 589, 679,
1102—R. I. 60—Tenn. 12, 177—Tex. 273,
463, 641, 833—Utah 81—Wash. 107—
Wis. 139—Canada 377, 505

JOHNSON & SON, INC., S. C.

1525 Howe St.
Racine, Wis.
Cal. 720—Ga. 198—Ill. 425—Ind. 400—
Mich. 651—N. H. 4—Ohio 961—Pa. 559—
Tex. 372—Utah 90—Wash. 146—Wis. 251

JOHNSTON MANUFACTURING CO.

2825 E. Hennepin Ave.
Minneapolis 13, Minn.
(Contact manufacturer direct)

JO-LINE TOOLS, INC.

8442 Otis St.
South Gate, Cal.
Ala. 209—Ariz. 108—Cal. 49, 717, 1462—
Colo. 23—Conn. 49, 471—Del. 12—
Ga. 77—Ill. 502—Kan. 98—La. 231—
Mass. 156, 163, 510—Mich. 203—Mo. 66,
200—N. Y. 106, 186, 519, 684—N. C. 65—
Ohio 359, 782, 840—Okla. 111—Pa. 466,
725, 1039—Tex. 418, 477, 736—Utah 2—
Va. 125—Wis. 253, 433

JONES & LAMSON MACHINE CO.

518 Clinton St.
Springfield, Vt.
Ala. 209—Ariz. 41—Cal. 58, 503, 1380—
Colo. 83—Fla. 241—Ga. 53—Ill. 413—
Ind. 197, 289—Iowa 117—Kan. 98—
Ky. 127—La. 30, 192, 231—Mass. 142,
557—Mich. 460—Minn. 216—Miss. 29—
Mo. 166, 584—Neb. 46—N. Y. 935, 1623—
N. C. 80—Ohio 723—Okla. 30, 131—
Ore. 37—Pa. 368, 798—Tex. 463, 747—
Utah 11—Wash. 235—Wis. 353—
Canada 47, 107, 171, 250, 317, 494, 535

JONES & LAUGHLIN STEEL CORP.

3 Gateway Center
Pittsburgh 30, Pa.
Cal. 572, 1228—Colo. 110—D. C. 56—
Ga. 138—Ill. 414—Ind. 290—Kan. 17—
Ky. 74—La. 139—Md. 93—Mass. 127—
Mich. 461—Minn. 136—Mo. 434—
N. Y. 272, 936—Ohio 292, 724, 1089, 1254,
1741—Okla. 117—Pa. 594, 1292—
Tenn. 173—Tex. 229, 622, 805—Wash. 169

JONES & LAUGHLIN STEEL CORP.

Stainless & Strip Div.
P. O. Box 4606
Detroit 34, Mich.
(Contact manufacturer direct)

JONES MOTROLA CORP.

432 Fairfield Ave.
Stamford, Conn.
(Contact manufacturer direct)

JORDAN CO., INC., THE

3235 W. Hampton Ave.
Milwaukee 9, Wis.
Cal. 437—Colo. 62—Ga. 270—Ill. 214—
Ind. 244—Md. 68—Mass. 571—Mich. 224—
Minn. 329—N. Y. 1536, 1695—Ohio 458,
1384, 1581—Ore. 192—Pa. 68—
Wash. 320—Canada 262, 359, 560

JOWITT & RODGERS CO.

1017 N. Front St.
Philadelphia 23, Pa.
Conn. 312

JOYCE-CRIDLAND CO., THE

Jack Div.
2027 E. First St.
Dayton 3, Ohio
Ala. 106—Cal. 598—Colo. 222—Fla. 234—
Ill. 172—Ind. 380—Kan. 38—La. 92—
Mass. 479—Minn. 133—N. Y. 103, 781,
908—Ohio 1109—Tex. 505—Utah 14—
Va. 11

JUNKIN SAFETY APPLIANCE CO.

3121 Millers La.
Louisville 16, Ky.
(Contact manufacturer direct)

— K —

K. C. ABRASIVE CO.

3101 Peery Ave.
Kansas City 27, Mo.
Ariz. 39—Cal. 256, 516, 634—Ill. 280,
722—Ind. 240—Mich. 995—Minn. 268,
468—N. Y. 141—Ohio 27—Okla. 7—
Ore. 184—Pa. 645—Wis. 347—Canada 434

KDI CORP.

Beech and Kenilworth St.
Cincinnati 12, Ohio
(Contact manufacturer direct)

K. D. K. PRODUCTS

3008-10 Tweedy Blvd.
South Gate, Cal.
(Contact manufacturer direct)

KAHLE ENGINEERING CO.

3300 Hudson Ave.
Union City, N. J.
(Contact manufacturer direct)

KAISER ALUMINUM & CHEMICAL SALES, INC.

919 N. Michigan Ave.
Chicago 11, Ill.
Cal. 573, 902—Fla. 178—Ga. 139—
Ill. 417—Mass. 128—Mich. 463—
Minn. 138A—Mo. 149, 435—N. Y. 274,
937—Ohio 293, 726—Pa. 597—Tex. 231—
Wash. 171—Wis. 242

MANUFACTURERS

KALAMAZOO TANK & SILO CO.

Machine Tool Div.
500 Harrison St.
Kalamazoo 16, Mich.
Cal. 897—Colo. 25—Fla. 250—Kan. 52—
Mass. 265—N. Y. 656—Tex. 372—
Wis. 33—Canada 235

KALINS & CO., J. M.

1575 Railroad Ave.
Bridgeport 5, Conn.
Cal. 606, 1207, 1469—Fla. 248—Ill. 127,
1206—Ind. 358—La. 231—Md. 214—
Mass. 258, 288, 385, 606—Mich. 625, 671—
Minn. 216, 288—Mo. 108, 527—Neb. 46—
N. J. 47, 395—N. Y. 342, 363, 426, 477,
1148—N. C. 26, 172—Ohio 648, 1119, 1225,
1255, 1410—Okla. 98—Ore. 61, 153—
Pa. 169, 604, 1123, 1133—R. I. 60, 74—
Tenn. 71—Tex. 441, 736—Va. 28—
Wash. 258, 274—Wis. 459

KANE LABORATORIES

1000 S. Thompson La.
Nashville 11, Tenn.
(Contact manufacturer direct)

KANE & ROACH INC.

Niagara & Shonnard St.
Syracuse 4, N. Y.
Ala. 169—Cal. 599, 1469—Conn. 306—
Ill. 320—Ind. 295—Mass. 142—Mich. 512,
1016—Mo. 64, 319—N. Y. 316, 1139—
Ohio 302, 815, 1091, 1259, 1645, 1747—
Okla. 67—Pa. 747, 1019—Wash. 107—
Wis. 204—Canada 92, 130, 134, 219, 267,
467, 511, 633

KARNIOTIS PRECISION PRODUCTS INC.

14847 Heyden
Detroit 23, Mich.
Mich. 1180

KARTARIK, INC.

Box 458
Willernie, Minn.
Minn. 216, 316

KASENIT CO.

3 King St.
Mahwah, N. J.
(Contact manufacturer direct)

KATOLIGHT CORP.

First Ave. at Chestnut St.
Mankato, Minn.
Ariz. 107—Cal. 490—Colo. 43—Fla. 157—
Ga. 106—Ill. 70—La. 227—Md. 118—
Mass. 175—Minn. 132—N. J. 39—
N. M. 62—N. Y. 1087, 1093—N. C. 169—
Okla. 25—Pa. 331—Tenn. 118—Va. 147—
Wash. 274—Wis. 55—Canada 42, 129, 298

KAUFMAN MANUFACTURING CO.

553 S. 29th St.
Manitowoc, Wis.
Ala. 128—Cal. 58, 597, 1380—Colo. 70—
Ga. 63—Ill. 1059—Ind. 272—Ky. 58—
Mich. 183, 403—Minn. 275—Mo. 108,
460—Neb. 32—N. Y. 222, 609, 1395,
1602—N. C. 26—Ohio 674—Pa. 730, 821—
Tenn. 163—Tex. 214—Wash. 107—
Canada 49, 182, 311, 492, 532

KAUKAUNA DIV.

Giddings & Lewis Machine Tool Co.
1000 Lincoln Ave.
Kaukauna, Wis.
Ala. 102—Ariz. 88—Cal. 434, 1177—
Colo. 125—Conn. 487—Fla. 45—Ga. 181—
Ill. 486—Ind. 311—Kan. 86—La. 100,
214—Mass. 103, 142, 340—Mich. 843—
Minn. 216—Mo. 30, 127, 418—Neb. 46—
N. Y. 334, 1062, 1598—Ohio 346, 819,
1282—Okla. 101—Ore. 174—Pa. 1021,
1317—Tenn. 34, 163—Tex. 254, 733—
Utah 100—Va. 50—Wash. 274, 363—
Wis. 287—Canada 29, 83, 176, 439, 505, 612

KAUPP & SONS, INC., C. B.

6-10 and 32 Newark Wy.
Maplewood, N. J.
(Contact manufacturer direct)

KAYDON ENGINEERING CORP., THE

See Frauenthal Div.

KEARNEY & TRECKER CORP.

6800 W. National Ave.
Milwaukee 14, Wis.
Ala. 102—Cal. 629—Colo. 125—
Ga. 207—Ill. 402—Ind. 295—Kan. 127—
La. 184, 220—Mass. 185—Mich. 464—
Minn. 312—Mo. 64, 319—Neb. 32—
N. J. 138—N. Y. 1611—Ohio 302, 730, 1091,
1259—Ore. 79—Pa. 50, 957—Tex. 194,
717—Utah 101—Va. 112—Wash. 107—
W. Va. 12

KEDMAN CO.

233 S. Fifth West St.
Salt Lake City 1, Utah
Ala. 144—Ariz. 39—Ark. 5—Cal. 496,
930—Colo. 23—Conn. 161—Fla. 199—
Ga. 219—Idaho 21—Ill. 706—Ind. 441—
Iowa 99—Ky. 31—La. 183—Mass. 112—
Mich. 240—Minn. 137—Mo. 237, 400—
Neb. 53—N. J. 381—N. Y. 1002—
N. C. 202—Ohio 318, 606—Ore. 71—
Pa. 660—R. I. 36—Tenn. 97—Tex. 190—
Utah 84—Wash. 374—W. Va. 15—Wis. 205

KELLNER TOOL & MACHINE CO.

18490 Mt. Elliott
Detroit 34, Mich.
Mich. 458

KELLY MANUFACTURING CO., ROBERT J.

P. O. Box 5721
Detroit 39, Mich.
Conn. 97—Ill. 569—Ind. 26—N. Y. 1241—
Pa. 1338

KELSEY-HAYES CO.

See Steel Products Engineering Co.

KEMPSMITH MACHINE CO., THE

1847 S. 71st St.
Milwaukee 14, Wis.
Ala. 169—Cal. 753, 1310—Colo. 142—
Conn. 464—Ga. 181—Ill. 544, 1005—
Ind. 343—Iowa 9—Mass. 289—Mich. 403—
Minn. 177—Mo. 106—N. Y. 656, 1633—
Ohio 937, 1225—Okla. 132—Ore. 37—
Pa. 1100, 1308—S. C. 33—Tenn. 49, 216—
Tex. 401, 463, 736—Utah 65—Va. 28—
Wash. 76—Canada 31, 130, 144, 219, 267,
467, 511, 633

KENCO MANUFACTURING CO.

5211 Telegraph Rd.
Los Angeles 22, Cal.
Ala. 116, 135, 137—Ariz. 33, 112—Cal. 39,
434, 615, 658, 944, 966, 1006, 1044, 1060,
1404, 1429—Colo. 155—Conn. 53—
D. C. 97—Fla. 40, 144, 232, 311, 320, 336—
Ga. 181—Ill. 205, 509, 886, 1031—Ind. 30,
246, 267, 456, 606—Ky. 59—La. 100, 177—
Md. 61—Mass. 597—Mich. 770, 888, 991—
Minn. 316—Miss. 22—Mo. 51, 295—
Nev. 4—N. J. 344—N. M. 43—N. Y. 195,
442, 464, 531, 647, 655, 855, 1074, 1104,
1245, 1602, 1623—N. C. 137—Ohio 196,
891, 999, 1280—Ore. 37, 174—Pa. 176, 682,
703, 806—R. I. 60—S. C. 5—Tenn. 34—
Tex. 238, 273, 641, 654, 855, 863—Utah 47,
84—Va. 28—Wash. 76, 225, 274, 313, 363—
Canada 11, 30, 85, 99, 102, 132, 143, 268,
440, 477, 613, 628, 639

KENHOS CORP., DIV.

George H. Kendall
P. O. Box 2, Norton Hgts. Station
Darlen, Conn.
Conn. 511—Ind. 440—Mich. 1294—
N. J. 260—Ohio 1181A, 1534A—Pa. 1102—
Wis. 393

KENNA DIAMOND WHEEL CORP.

2 W. 46th St.
New York 36, N. Y.
(Contact manufacturer direct)

KENNAMETAL INC.

Lloyd Ave.
Latrobe, Pa.
(See advertisement p. 578)
Ala. 6—Cal. 576, 1230—Colo. 113—
Fla. 93—Ill. 422, 1178—Ind. 292—
La. 100—Mass. 526—Mich. 471, 1305—
Minn. 140—Mo. 150, 436A—N. Y. 277A,
1336, 1556—N. C. 239—Ohio 299, 733—
Okla. 22, 104—Ore. 122—Pa. 189, 600,
959—Tenn. 53—Tex. 168, 564—Utah 26—
Wash. 86—Wis. 247

KENT CLIFF LABORATORIES DIV.

See The Torsion Balance Co.

KENT-OWENS MACHINE CO.

958 Wall St.
Toledo 10, Ohio
Ala. 153—Cal. 599, 1151—Conn. 464—
Fla. 107, 198, 283—Ill. 320, 1008—
Ind. 96, 352—Kan. 80—La. 192—
Mass. 103—Mich. 402, 963—Minn. 16,
216—Miss. 29—Mo. 108, 527—Neb. 16—
N. Y. 180, 656, 1395, 1456, 1585—
N. C. 26—Ohio 254, 648, 1151, 1225—
Pa. 378, 484, 798—S. D. 7—Tex. 214,
736—Wash. 275—Wis. 204—Canada 49,
182, 311, 492, 532

KEPNER PRODUCTS CO.

7321 W. 59th St.
Summit, Ill.
Cal. 209, 1153—Conn. 457—Fla. 219—
Ga. 37—Ill. 614, 972—Mass. 252—
Mich. 566—Mo. 39—Ohio 746, 1281—
Wash. 308

KERNS CO., L. R.

2657 E. 95th St.
Chicago 17, Ill.
Ala. 84—Ariz. 53—Cal. 903, 941—
Fla. 5—Ill. 423, 998—Ind. 492—Kan. 103—
La. 20—Mass. 132—Mich. 473, 1202—
Minn. 141—Mo. 458—N. J. 48, 360—
Ohio 734, 1257—Pa. 349—Tex. 568—
Wis. 248

KESTER SOLDER CO.

4201 Wrightwood Ave.
Chicago 39, Ill.
N. J. 361

KEYSTONE LUBRICATING CO.

21st and Lippicott St.
Philadelphia 32, Pa.
(Contact manufacturer direct)

KEYSTONE REAMER & TOOL CO.

Millersburg, Pa.
Cal. 680—Colo. 115—Ga. 143—Ill. 742—
Mich. 1266—Minn. 142—Mo. 245—
N. Y. 389, 944—Ohio 1398—Pa. 960,
1315—Tex. 140—Va. 91—Wash. 180

KINDT-COLLINS CO.

12651 Elmwood Ave.
Cleveland 11, Ohio
Wis. 250

KINETICS CORP.

See High Vacuum Equipment Corp.

KING-LINDSTROM CO.

King Rd.
Totowa Boro, N. J.
(Contact manufacturer direct)

KING MACHINE TOOL DIV.

American Steel Foundries
1150 Tennessee Ave.
Cincinnati 29, Ohio
Ala. 112—Ariz. 50—Cal. 536, 1151—
Colo. 136—Fla. 304—Ga. 82—Ill. 462—
Ind. 352—La. 30, 192, 231—Md. 33—
Mass. 185—Mich. 607, 983—Minn. 312—
Mo. 108, 355—N. Y. 355, 656, 1413,
1611—Ohio 302, 978, 1091, 1259, 1649—
Okla. 132—Ore. 93—Pa. 790, 1308—
Tenn. 71, 234—Tex. 253, 736—Utah 57—
Va. 112—Wash. 143, 340—Wis. 35, 276

KING TESTER CORP.

444 N. 13th St.
Philadelphia 23, Pa.
Cal. 303—Ga. 125—Ill. 333—La. 100—
Mass. 133, 219—Mich. 391—Minn. 183—
Mo. 312—N. Y. 338, 429, 1036—Ohio 664—
Pa. 601, 919—Tex. 549—Wis. 216—
Canada 410, 576

KING-SEELEY CORP.

See Almc, Queen Products

KINGSBURY MACHINE TOOL CORP.

Keene, N. H.
Ariz. 96—Cal. 58, 629, 1081, 1380—
Colo. 142—Conn. 497—Ga. 243—Ill. 320—
Ind. 238—Mich. 213, 849, 983—Mo. 226,
548—N. Y. 355, 609, 1413, 1465, 1611—
N. C. 89—Ohio 302, 662, 1225, 1610—
Okla. 161—Pa. 763, 1004—Tex. 747—
Wash. 354—Wis. 204—Canada 312, 493,
534

KIRK & BLUM MANUFACTURING CO., THE

3120 Forrer St.
Cincinnati 9, Ohio
(Contact manufacturer direct)

KLING BROTHERS ENGINEERING WORKS

1320 N. Kostner Ave.
Chicago 51, Ill.
Ala. 101—Cal. 615, 1207—Ga. 181, 318—
Ill. 320—Ind. 267—Ky. 84—La. 100—
Md. 204—Minn. 109—Mo. 108—Neb. 46—
N. Y. 656, 1089, 1315—Ohio 445, 1622—
Okla. 132—Pa. 221, 806—Tenn. 34, 57,
256—Tex. 202, 685—Utah 65—Va. 28—
Wash. 143—Wis. 384—Canada 83, 123,
429, 612, 648

**KLINGELHOFER MACHINE TOOL
CORP., ALBERT**

740 Colfax Ave.
Kenilworth, N. J.
(See advertisement p. 315)
Ill. 529, 544—Ind. 343—Mich. 587—
Mo. 548—Ohio 937—Pa. 1100—Tex. 51,
741—Wis. 313

KNAPP INDUSTRIES, B. L.

107 N. Franklin St.
Syracuse 2, N. Y.
Ill. 677—N. J. 426, 623—N. Y. 444—
Ohio 1002—Vt. 16

KNIGHT MACHINERY CO., W. B.

3920 W. Pine
St. Louis 8, Mo.
(See advertisement p. 551)
Cal. 536, 1151—Colo. 70—Conn. 292—
D. C. 30—Fla. 23—Ga. 181—Ill. 294—
Ind. 407—La. 214—Mass. 142—Mich. 714—
Minn. 216—Neb. 46—N. Y. 222, 881, 1395,
1585—N. C. 58—Ohio 403, 1018, 1122,
1315—Okla. 101—Ore. 174—Pa. 747, 806—
Tex. 30, 676—Wash. 274—Wis. 194

KNOEBEL DIAMOND TOOL CO.

9456 Grinnell Ave.
Detroit 13, Mich.
Cal. 1438—Fla. 226—Ill. 728—Ind. 312,
496—Iowa 176—Ky. 127—Mass. 668—
Mich. 885—Minn. 180—Mo. 127—
N. Y. 350—Ohio 128, 1219, 1656—Tenn. 49,
216—Tex. 333—Wis. 122—Canada 328

KOCH UNIVERSAL TEST INDICATOR

28 Second Ave.
Nyack, N. Y.
(Contact manufacturer direct)

KOEHLER AIRCRAFT PRODUCTS CO.

See The New Britain Machine Co.

KOEHRING CO.

See The Hydraulic Press
Manufacturing Co.

KOENIG, WILLIAM A.

108 Mt. View Ave.
Troy, N. Y.
(Contact manufacturer direct)

KOPING DIV.

See Homestrand, Inc.

KORFUND CO., INC., THE

48-40 J 32nd Pl.
Long Island City 1, N. Y.
Ala. 93—Ark. 22—Cal. 734, 1302—
Colo. 149—Conn. 105—D. C. 58—
Fla. 179, 319—Ga. 71—Ill. 372, 1106,
1169—Ind. 134, 357—La. 126—Md. 100—
Mass. 247—Mich. 831—Minn. 54—Mo. 86,
331—Neb. 29—N. Y. 266, 594, 1603—
N. C. 170, 230—Ohio 406, 504—Okla. 144—
Pa. 122, 901, 1225—S. C. 19, 45—
Tenn. 76, 158—Tex. 228, 761—Va. 100—
Wash. 144—Wis. 214—Canada 443, 615

KRAMER FABRICATING CO., THE

920 Fisher Bldg.
Detroit 2, Mich.
N. Y. 775—Wis. 67

KRAMER CO. INC., H. W.

120-30 Jamaica Ave.
Richmond Hill 18, N. Y.
Fla. 143—Ill. 512—Ind. 57—Mass. 627—
N. J. 227—Ohio 836

KRUEGER-BARNES CORP.

1469 E. Grand Blvd.
Detroit 11, Mich.
(Contact manufacturer direct)

KUX MACHINE CO.

6725 N. Ridge
Chicago 26, Ill.
Cal. 481—Ill. 419, 480—N. J. 160—
N. Y. 300—Canada 439

KUZMICK CO., THE PAUL

271 Grove Ave.
Verona, N. J.
Ala. 221—Cal. 398—Conn. 481—Ill. 651—
Mass. 688—N. H. 25—N. J. 341—
N. Y. 1343, 1699—Ohio 341, 1022—
Tex. 607

— L —

L & H DIE & TOOL CO., INC.

10136 Capital Ave.
Oak Park 37, Mich.
(Contact manufacturer direct)

L & J PRESS CORP.

824 Wren St.
Elkhart, Ind.
Ala. 112—Colo. 136—Conn. 123—
D. C. 68—Fla. 280—Ill. 297, 784, 1008—
Ind. 28, 352—Iowa 162—Mass. 233—
Mich. 714, 1203—Minn. 229—Neb. 46—
N. J. 376—N. Y. 306, 451, 1359, 1579—
N. C. 26—Ohio 196, 1255, 1649—
Okla. 129—Pa. 682, 995, 1100—R. I. 74—
Tex. 248, 697—Utah 63—Va. 136—
Wis. 35, 231

L & L MANUFACTURING CO.

309 Eighth St.
Upland 101, Pa.
Cal. 821—Conn. 149—Fla. 315—Ga. 23—
Mass. 570—Mich. 483—N. Y. 1722—
Ohio 333, 543—Pa. 238, 1146—Tex. 29

L & S BEARING CO.

6 S. Pennsylvania
Oklahoma City 1, Okla.
Cal. 853, 1235—Colo. 236—Fla. 50—
Ill. 219—Kan. 58—Mich. 1227—
Minn. 164—Ohio 1699—Okla. 27—
Wash. 376

L-W CHUCK CO.

24 S. St. Clair St.
Toledo 4, Ohio
(Contact manufacturer direct)

LA BAHN ROLL FEED CORP.

Forrest St. TE
Metuchen, N. J.
(Contact manufacturer direct)

LAFRANCE PRECISION CASTING CO.

2007 S. 29th St.
Philadelphia 45, Pa.
(Contact manufacturer direct)

LAIDLAW, INC., WILLIAM

Greenwich St., P. O. Box 7
Belmont, N. Y.
Ala. 169—Cal. 599, 1265—Conn. 49, 112—
D. C. 9—Fla. 321—Ga. 316—Ill. 159—
Ky. 65—La. 220—Md. 25—Mass. 133—
Mich. 687, 1322—Mo. 106—N. J. 151—
N. Y. 306, 1716—N. C. 236, 250—
Ohio 1410—Okla. 22—Pa. 523, 911—
Tex. 277—Va. 84—Wash. 354—
W. Va. 62—Canada 542

LAKE CHEMICAL CO.

3052 W. Carroll Ave.
Chicago 12, Ill.
(Contact manufacturer direct)

LAKE ERIE MACHINERY CORP.

P. O. Box 68
Buffalo 17, N. Y.
Cal. 1510—Ill. 432A—N. Y. 949

LAKE SHORE, INC.

P. O. Box 911
Iron Mountain, Mich.
Mich. 555

LAMB CO., JOS. F.

5663 E. Nine Mile Rd., P. O. Box 4611
Detroit 34, Mich.
N. Y. 315—Ohio 327, 783—Pa. 51, 995

LAMINA DIES & TOOLS, INC.

P. O. Box 31
Royal Oak, Mich.
(Contact manufacturer direct)

LAMINATED SHIM CO., INC.

17 Union St.
Glenbrook, Conn.
Cal. 891—Conn. 139—Ga. 204—Ill. 32—
Ohio 1513—Okla. 106—Tex. 611—
Canada 611

LAMSON & SESSIONS CO., THE

5000 Tiedeman Rd.
Cleveland 9, Ohio
Ala. 89—Ill. 434—Mich. 485—Ohio 743

LANDAU, HERBERT H.

2622-26 Nottingham Wy.
Trenton 9, N. J.
Md. 25—N. J. 466—Pa. 363

LANDIS MACHINE CO.

Fifth and Church St.
Waynesboro, Pa.
Ala. 102—Cal. 20, 629—Colo. 63—
Fla. 72—Ga. 58—Ill. 1048—La. 214—
Mass. 298—Mich. 486—Minn. 322—
Mo. 108, 355—N. Y. 538—Ohio 744—
Ore. 79—Pa. 76—Tenn. 34—Tex. 590—
Utah 84—Va. 50—Wash. 143—Canada 542

LANDIS TOOL CO.

E. Sixth St.
Waynesboro, Pa.
Ala. 102—Cal. 536, 1151—Colo. 125—
Conn. 200—Fla. 175, 355—Ga. 18—
Ill. 1049—Ind. 297—Kan. 127—La. 30,
192, 231—Mass. 185—Mich. 487—
Minn. 159—Miss. 29—Mo. 127, 433—
Neb. 32—N. J. 71—N. Y. 355, 1413, 1465,
1611—N. C. 186—Ohio 115, 745, 1649—
Okla. 168—Ore. 37—Pa. 970, 1245—
Tenn. 71, 234—Tex. 207, 590—Utah 57—
Va. 112—Wash. 107—Canada 269, 478, 518,
640, 651

MANUFACTURERS

LAPEER MANUFACTURING CO.

1140 W. Baltimore
Detroit 2, Mich.

(See advertisement p. 310)

Ala. 64—Cal. 658, 875—Conn. 282, 342—
Ga. 250—Ill. 502, 514 714, 720, 818, 1095,
1158—Ind. 38, 387—Iowa 25, 29, 50, 109—
Kan. 90—Ky. 111—Md. 91—Mass. 699—
Mich. 488—Minn. 167—Mo. 66, 148, 183,
476—Neb. 9—N. J. 95—N. Y. 306, 451, 791,
1333, 1579—Ohio 401, 479, 1120, 1314,
1653—Pa. 320, 590—Tenn. 269—Tex. 370,
750—Utah 74—Wash. 221—Wis. 77, 393—
Canada 165

LAPIERRE-SAWYER HANDLE CO.

P. O. Box 287
Jackson, Mo.

Cal. 543, 1215—Conn. 365—Ga. 287
Ill. 239—Kan. 11—Md. 12—Mich. 531—
N. Y. 758—Ohio 460—Ore. 112—
Pa. 1255—Tex. 90—Utah 51—Wash. 238,
352—Wis. 365

LAPORTE MACHINE TOOL CO., THE

34 Tower St.
Hudson, Mass.

(See advertisement p. 21)

Cal. 434—Colo. 105—Conn. 94, 237—
Fla. 343—Ill. 405, 871—Ind. 494—La. 184—
Mass. 323, 367—Mich. 211, 935—
Minn. 312—Mo. 319—N. J. 327—
N. Y. 1306, 1585—Ohio 298, 918, 1630—
Okla. 101—Pa. 1021—Tenn. 216—
Tex. 112—Va. 52—Wash. 143—Canada 467

LaSALLE STEEL CO.

1412 150th St.
Hammond, Ind.

Cal. 970—Mich. 489—N. Y. 952

LASSY TOOL CO.

96 Bohemia St.
Plainville, Conn.

(Contact manufacturer direct)

LAST WORD SALES CO.

18520 Mt. Elliott
Detroit 34, Mich.

Ariz. 112—Cal. 359, 672, 1042—Conn. 8—
Ill. 1035—Ind. 399, 531—Mass. 360—
Mich. 394, 1357—Minn. 312—Mo. 127,
166—N. M. 25—N. Y. 277, 649—Ohio 1240—
Pa. 664—Tex. 441, 549—Canada 204, 571

LATROBE STEEL CO.

2626 S. Ligonier
Latrobe, Pa.

(See advertisement p. 575)

Cal. 583A—Conn. 200A—Fla. 57A—
Ill. 970A—Mass. 133A—Mich. 1375A—
N. J. 198A—N. Y. 283A—Ohio 1264,
1631A—Pa. 606A, 971A—Wis. 262A

LAVALLÉE & IDE, INC.

Grape St.
Chicopee, Mass.

Cal. 582—Ga. 289—Ill. 439—Kan. 25—
Mass. 325—Mich. 134—N. Y. 734

LAWLEY GRANITE SURFACE

PLATE CO., INC.
Wyoming, Pa.

Ala. 101—Cal. 417, 1310—Conn. 145—
Fla. 239—Ga. 207—Ill. 94, 398, 866—
Ind. 312, 465—Iowa 56—Md. 36—
Mass. 385—Mich. 60, 845, 1041—Neb. 32—
N. J. 29, 80, 94—N. Y. 567, 1282—
Ohio 366, 891, 1607—Pa. 148, 154, 461,
480, 575, 604, 744, 955, 1202, 1220, 1271—
Wash. 261—Canada 409, 482

LAWRENCE MANUFACTURING CORP.

256 Mill St.
Belleville 9, N. J.

(Contact manufacturer direct)

LAYSTROM MANUFACTURING CO.

3900 W. Palmer Ave.
Chicago 47, Ill.

(Contact manufacturer direct)

LEAKE ENGINEERING CO., THE

2720 N. Monroe St., P. O. Box 715
Monroe, Mich.

(Contact manufacturer direct)

LEA-MICHIGAN, INC.

14459 Wildemere Ave.
Detroit 38, Mich.

Cal. 259, 390, 1154—Colo. 207—
Conn. 398—Fla. 159—Ill. 98, 718—
Ind. 48—Mass. 232, 490—Mich. 500, 543,
565, 767, 768, 958, 1058—Minn. 101—
Mo. 444—N. J. 156, 227, 328—N. Y. 123,
129, 228, 241, 748, 846, 879, 1343, 1397,
1653—Ohio 183, 194, 655, 863, 889, 946,
1207, 1312, 1382, 1385, 1641—Ore. 2, 118—
Pa. 165, 213, 695, 830, 977—Tex. 184, 964—
Wash. 158—Wis. 177—Canada 286, 531

LeBLOND MACHINE

TOOL CO., THE R. K.

Madison & Edwards Rds.
Cincinnati 8, Ohio

Ala. 112, 203—Cal. 536, 1151—Colo. 63—
Conn. 409—Fla. 84, 241—Ga. 53—
Ill. 1050—Ind. 419—Iowa 117—Kan. 80—
La. 98, 220—Mass. 185—Mich. 494, 818,
1027—Minn. 216—Miss. 31—Mo. 108,
460—Neb. 45—N. J. 367—N. Y. 315, 1348,
1563—N. C. 58—Ohio 421, 1018, 1571—
Okla. 30, 131—Ore. 79—Pa. 798, 1308—
Tenn. 33, 254—Tex. 207, 590—Utah 47—
Wash. 76—Wis. 207

LeCOUNT TOOL WORKS, INC.

38 Cody St., P. O. Box 263
West Hartford 10, Conn.

Cal. 417, 878—Colo. 92—Ga. 148—
Ill. 728—Ind. 197—Iowa 78—Mass. 672—
Mich. 885—Minn. 242—Mo. 49—
N. J. 190—N. Y. 1606—N. C. 161—
Ohio 1336—Ore. 190—Pa. 467, 1202—
Tenn. 203—Tex. 289, 731—Wash. 143—
Wis. 253—Canada 637

LEDEEN, INC.

Ledeen Manufacturing Div.

3350 N. Gilman
El Monte, Cal.

Ala. 77—Ariz. 73—Cal. 29, 128, 159,
1301—Colo. 156—D. C. 86—Fla. 253—
Ga. 6—Ill. 555—Ind. 178—Mass. 611—
Mich. 327—Mo. 43—Nev. 10—N. Y. 176,
1141, 1400—N. C. 14—Ohio 262, 968—
Ore. 7, 21, 29—Pa. 369, 796—S. C. 14—
Tenn. 3, 59, 64, 222—Tex. 166, 385, 561—
Utah 69—Wash. 271, 336—W. Va. 11—
Canada 13, 44, 415

LEE CO., THE

P. O. Box 418
Westbrook, Conn.

Cal. 141—Mich. 761—N. Y. 472—
Canada 349

LEE ENGINEERING CO.

269 Armistice Blvd.
Pawtucket, R. I.

(Contact manufacturer direct)

LEE CO., K. O.

Aberdeen, S. D.

(Contact manufacturer direct)

LEESAW MANUFACTURING CO.

65 Wayne Ave.
Youngstown 2, Ohio

(Contact manufacturer direct)

LEEDS & NORTHRUP CO.

4901 Stenton Ave.
Philadelphia 44, Pa.

Cal. 594, 1238—Colo. 123—Conn. 472—
Ga. 146—Ill. 443—Ind. 298—Iowa 8, 114—
La. 21—Md. 187, 223—Mass. 134—
Mich. 495, 972—Mo. 159, 447—N. J. 106—
N. Y. 20, 284, 953—N. C. 268—Ohio 310,
747, 1092—Okla. 124—Ore. 204—Pa. 228,
972—Tex. 631—Utah 59—Va. 92—
Wash. 184—Wis. 265

LEES-BRADNER CO., THE

12120 Elmwood Ave.
Cleveland 11, Ohio

(See advertisement p. 585)

Cal. 266, 1177—Conn. 464—Fla. 184, 249—
Ill. 1066, 1152—Ind. 71, 213, 489—La. 100,
224—Mass. 142—Mich. 1016, 1237—
Minn. 86—Mo. 418—N. Y. 544, 656, 1284,
1602—Ohio 403, 748, 1122, 1315, 1629—
Okla. 132—Ore. 174—Pa. 1070, 1249—
Tenn. 67—Tex. 214, 604—Utah 57—
Wash. 274, 363

LEHIGH, INC.

1500 Lehigh Dr.
Easton, Pa.

Cal. 46, 672—N. J. 532—Tex. 22

LEHIGH INC.

York Rd.
Lambertville, N. J.

Cal. 389—Conn. 353, 457—Ga. 304—
Ill. 15, 57, 588—Ind. 267—Iowa 56—
Kan. 64—Mich. 616—Minn. 36—N. J. 88,
90, 210, 356—N. Y. 99, 540, 1391—
Ohio 502, 865, 1252—Pa. 124, 158, 413,
1149, 1355—S. C. 8—Wash. 268—
Canada 165

LEHMANN-BRANDES CO.

3560 Chouteau Ave.
St. Louis 3, Mo.

Ala. 137—Cal. 58, 753, 1265—Colo. 142—
Conn. 474—Fla. 23, 267—Ga. 207—
Ill. 444—Ind. 153, 246—Kan. 110—
Ky. 84—La. 100, 166, 224—Md. 97—
Mass. 54—Mich. 496—Minn. 111—
Neb. 42—N. J. 94—N. Y. 1143—N. C. 26—
Ohio 327, 674, 858—Okla. 22—Pa. 569, 995,
1100—Tenn. 216—Tex. 517, 112—
Utah 65—Va. 112—Wis. 218—Canada 477

LEHMANN-FULTON BORING TOOL CO.

Div. of Fulton Iron Works Co.

4235 Duncan Ave.
St. Louis 10, Mo.

Cal. 979—Ill. 640, 1155, 1225—
Ind. 151—Md. 213—Mass. 20—Mich. 496—
Minn. 93—N. Y. 277—Ohio 218, 327, 668,
1206, 1572—Okla. 131—Pa. 366, 995—
Tenn. 49, 216—Tex. 747—Wis. 424, 488—
Canada 478, 640

LEIMAN BROTHERS, INC.

146-181 Christie St., P. O. Box 1339
Newark 1, N. J.

Cal. 713, 1311—Conn. 297—Ill. 706—
Ind. 285—Kan. 64—Md. 33—Mich. 444—
Minn. 55—Mo. 57, 388—N. J. 368—
N. Y. 1357—Ohio 393, 451, 666, 1525—
Pa. 369, 987—Tex. 458, 708

LELAND-GIFFORD CO.

1001 Southbridge
Worcester 1, Mass.

Ala. 209—Cal. 587—Colo. 105—D. C. 89—
Ga. 53—Ill. 447—Ind. 300—Kan. 80—
La. 192, 231—Mass. 588—Mich. 498—
Mo. 108, 584—Neb. 46—N. J. 523—
N. Y. 1345—N. C. 186—Ohio 1530—
Ore. 79—Tenn. 192—Tex. 214, 676—
Utah 54—Va. 112

LELAND ELECTRIC CO., THE

Div. of American Machine & Foundry Co.

1501 Webster St.
Dayton 1, Ohio

Cal. 586, 1037—Colo. 112—Conn. 385—

MANUFACTURERS

D. C. 43—Ga. 45—Ill. 446—Ind. 73—
La. 206—Mass. 477—Mich. 497—
Minn. 116—Mo. 55—N. Y. 711, 713, 1344—
Ohio 750, 1266—Okla. 88—Ore. 76—
Pa. 317—Tex. 12, 119, 378—Utah 38—
Wis. 38

LE MAIRE MACHINE TOOL CO.

2657 S. Telegraph Rd.
Dearborn, Mich.
Cal. 1059—Ind. 501—Mich. 1237—
N. J. 166—N. Y. 175—Ohio 179, 795,
1630—Tex. 590—Canada 500

LEMERT ENGINEERING CO., INC.

1313 Western Ave.
Plymouth, Ind.
(Contact manufacturer direct)

LEMMON & SNOAP

2618 Thornwood, S. W.
Grand Rapids 9, Mich.
(Contact manufacturer direct)

LEMPCO INDUSTRIAL, INC.

Machine & Tool Div.
5490 Dunham Rd.
Bedford, Ohio
Cal. 49, 359, 839—Colo. 54, 155—
Conn. 226—Fla. 144, 172—Ga. 191—
Ill. 267, 448, 544—Ind. 48, 141, 343, 576—
Iowa 172—Mass. 18—Mich. 499, 715,
1151—Minn. 167—Mo. 127, 410, 418—
Neb. 32—N. J. 277, 344—N. Y. 91, 137, 180,
258, 401, 568, 1330, 1667—N. C. 243—
Ohio 327, 783, 1224, 1366, 1455, 1572—
Ore. 61—Pa. 995, 1004—Tenn. 124, 263—
Tex. 246—Wash. 249—Wis. 89, 313—
Canada 411

LEONARD PRECISION PRODUCTS CO.

9200 Boisa Ave.
Santa Ana, Cal.
(Contact manufacturer direct)

LEPEL HIGH FREQUENCY

LABORATORIES, INC.
54-18 37th Ave.
Woodside 77, N. Y.
Cal. 769, 1028, 1097, 1340, 1433—
Ill. 449—Mass. 246—Mich. 173—
Minn. 229—Mo. 353—Tex. 168, 564

LEVIN & SON, INC., LOUIS

3610 S. Broadway
Los Angeles 7, Cal.
(Contact manufacturer direct)

LEWIS MACHINE CO., THE

Div. of Curtis Manufacturing Co.
3441 E. 76th St.
Cleveland 27, Ohio
(See advertisement p. 579)
Cal. 536—Conn. 363—Ky. 84—Ohio 940—
Pa. 668—Canada 361

LEWIS WELDING & ENGINEERING CORP.

100 Northfield Rd.
Bedford, Ohio
Cal. 308—Conn. 227—Ill. 521—Iowa 67,
177—La. 101—Mass. 525—Mich. 283—
Mo. 183, 476—N. J. 482—N. Y. 301—
Ohio 355, 916—Pa. 415, 1139—Tex. 527—
Wis. 471—Canada 345

LEWTHWAITE MACHINE CO., INC. T. H.

320 E. 47th St.
New York 17, N. Y.
(Contact manufacturer direct)

LIBERTY TOOL & DIE CORP.

189 N. Water St.
Rochester 4, N. Y.
(Contact manufacturer direct)

LILLY AND CO., ELI

Agricultural and Industrial Products Div.
740 S. Alabama St.
Indianapolis 6, Ind.
Conn. 467—Ill. 189—Ind. 81, 263, 276—
Ky. 50—Mich. 310, 787, 952, 1030—
Minn. 216, Mo. 182, 475—N. Y. 197, 201—
Ohio 151, 412, 566—Pa. 1058—Tex. 331,
726—Wis. 441—Canada 514

LIMA ELECTRIC MOTOR CO., INC.

Findlay Rd.
Lima, Ohio
Ala. 163—Ariz. 118—Cal. 845, 1222—
Colo. 119—Fla. 214—Ga. 270—Ill. 451—
Ind. 583—La. 167—Mass. 137—Mich. 947,
1287—Minn. 54—Mo. 3, 198—N. Y. 317,
808, 958—Ohio 312, 755, 1431—Okla. 51—
Ore. 74—Pa. 608, 1076—Utah 10—
Va. 150—Wash. 281—Wis. 37, 269

LINCOLN ELECTRIC CO., THE

22801 St. Clair Ave.
Cleveland 17, Ohio
Ala. 90, 197—Ariz. 57, 114—Cal. 150, 177,
590—Colo. 127—Conn. 329—D. C. 59—
Fla. 96—Ga. 149, 338—Ill. 956, 1000,
1109, 1179—Ind. 83, 301—Iowa 28, 115—
Kan. 95—Ky. 83—La. 219—Md. 98—
Mass. 407, 481—Mich. 33, 502, 974, 1218—
Minn. 18, 149—Mo. 162, 451—N. J. 590—
N. Y. 21, 286, 1561—N. C. 82—Ohio 104,
313, 1093, 1267, 1458, 1632, 1742—Okla. 28,
126—Ore. 120—Pa. 91, 150, 230, 973,
1343—Tenn. 31, 179, 250—Wash. 187—
W. Va. 65—Wis. 12, 270

LINCOLN GAGE CO.

23910 Harper
St. Clair Shores, Mich.
(Contact manufacturer direct)

LINCOLN INDUSTRIES CO.

1123 S. Seventh St.
Minneapolis 4, Minn.
(Contact manufacturer direct)

LINCOLN PARK INDUSTRIES INC.

1719 Ferris Ave.
Lincoln Park, Mich.
(Contact manufacturer direct)

LENNOX TOOL & MACHINE BUILDERS

651 N. Baxter St.
Lima, Ohio
Ala. 102, 137—Ariz. 78—Cal. 704, 1151—
Colo. 105—D. C. 51—Fla. 304—Ga. 58—
Ind. 277—La. 30, 192—Mass. 608—
Mich. 145, 728, 983—Minn. 216, 229—
N. Y. 1585, 1633—N. C. 133—Ohio 76,
1136, 1430—Ore. 37—Pa. 449, 569, 1069—
Tex. 112, 685—Utah 84—Wash. 235, 320—
Canada 31, 134, 467, 477, 511, 633, 649

LINDBERG AIR & HYDRAULIC DIV.

Teer-Wickwire Co.
1801 Wildwood Ave.
Jackson, Mich.
Mass. 35—Mich. 373, 1090—Ohio 541,
1173—Pa. 107, 798—Tex. 371—Wis. 343—
Canada 458

LINDBERG ENGINEERING CO.

2450 W. Hubbard St.
Chicago 12, Ill.
Cal. 120—Colo. 31—Ga. 150—Ind. 302—
Kan. 119—Mass. 296—Mich. 1127, 1288—
Mo. 226, 548—N. J. 148—N. Y. 959, 1346—
N. C. 68—Ohio 757—Okla. 161—Pa. 383,
974—Tex. 243—Wash. 315—Wis. 272—
Canada 358, 478, 518, 640, 651

LINDE CO.

Div. of Union Carbide Corp.
420 Lexington Ave.
New York 17, N. Y.
Ala. 9—Cal. 591, 1076, 1242—Colo. 128—

D. C. 60—Fla. 97—Ga. 151—Ill. 453—
Ind. 303—La. 143—Md. 199—Mass. 139—
Mich. 504—Minn. 150—Mo. 7, 163—
N. J. 290, 591—N. Y. 287—Ohio 314, 758—
Okla. 127—Ore. 121—Pa. 975—
Tenn. 180—Tex. 244, 633—Utah 60—
Wash. 188—W. Va. 24—Wis. 273

LINDERME ENGINEERING & SALES

8126 Puritan Ave.
Detroit, Mich.
Cal. 606—Conn. 154—Ill. 441, 482—
Ind. 127—Mich. 956, 977, 1011, 1203—
Neb. 32—N. Y. 277, 342—Ohio 567, 638,
742, 854, 1414, 1628—Wis. 50, 402—
Canada 165

LINDGREN & SONS MACHINE INC.

Chicopee Row
Groton, Mass.
(Contact manufacturer direct)

LINK AVIATION, INC.

Div. General Precision Equipment Corp.
Hillcrest
Binghamton, N. Y.
Cal. 239—Tex. 443

LINK-BELT CO.

Prudential Plaza, Dept. TE-59
Chicago 1, Ill.
(Contact manufacturer direct)

LINK ENGINEERING CO.

13840 Elmira
Detroit 27, Mich.
Conn. 137—Ill. 437—N. J. 135—
N. Y. 1327—Ohio 96, 1032, 1295

LINLEY BROTHERS CO.

686 State St. Extension
Bridgeport 1, Conn.
(Contact manufacturer direct)

LIPE-ROLLWAY CORP.

806 Emerson Ave.
Syracuse 1, N. Y.
Cal. 523, 649, 1286—Conn. 488—
D. C. 95—Fla. 304—Ill. 666—Ind. 207—
Mich. 403—Minn. 159—Mo. 108, 355—
N. J. 395—N. Y. 1590—Ohio 319, 674,
1224—Okla. 131—Pa. 316, 1004—R. I. 66—
Tenn. 137—Tex. 112, 747—Utah 35—
Wis. 387—Canada 92, 130, 134, 219, 267,
467, 511, 633

LITTELL MACHINE CO., F. J.

Vac-U-Mation Div.
4101 N. Ravenswood Ave.
Chicago 13, Ill.
(See advertisement p. 391)
Ala. 112—Cal. 615, 1118—Colo. 155—
Conn. 475—Ga. 18—Ind. 24, 352—
Mass. 412—Mich. 506—Minn. 316—
Mo. 319—N. J. 140—N. Y. 315, 1074,
1611—Ohio 403, 759, 1122, 1315, 1582—
Okla. 111—Pa. 560, 650, 1033—Wis. 194

LITTLE FALLS ALLOYS, INC.

189 Caldwell Ave.
Paterson 1, N. J.
Cal. 379—Conn. 371—Ill. 345—Minn. 88—
Mo. 454

LITTLEFORD BROTHERS, INC.

453 E. Pearl St.
Cincinnati 2, Ohio
(Contact manufacturer direct)

LIVERNOIS ENGINEERING CO.

25200 Trowbridge
Dearborn, Mich.
(See advertisement p. 71)
(Contact manufacturer direct)

MANUFACTURERS

LLOYD TOOL CORP.

244 W. Colorado Blvd.
Pasadena, Cal.
Ill. 239—Mich. 423—Mo. 200—N. J. 597—
Tex. 535—Wash. 146

LODDING INC.

Sword St.
Auburn, Mass.
Cal. 508—Conn. 260, 477—Fla. 336—
Ga. 219—Ill. 894—Kan. 87—Md. 78—
Mass. 431, 680—Mich. 347—N. J. 201—
N. Y. 125, 625, 1417—N. C. 172—
Ohio 278, 760, 1243—Pa. 316—Canada 418

LODGE & SHIPLEY CO., THE

(Lathes)
3055 Colerain Ave.
Cincinnati 25, Ohio
Ala. 101—Cal. 434, 523, 1207—Colo. 155,
207—Conn. 177—D. C. 30—Fla. 23, 90,
176—Ill. 486—Ind. 311—Kan. 127—
La. 184, 217—Mass. 361—Mich. 607,
965—Minn. 229, 275—Mo. 66, 418, 548—
Neb. 46—N. Y. 656, 881, 1395, 1623, 1633—
Ohio 445, 659, 1582—Okla. 111—Pa. 712,
798, 821—Tenn. 216—Tex. 253, 590, 676—
Utah 84—Va. 50—Wash. 107, 274

LODGE & SHIPLEY CO., THE

(Floturn)
Ala. 101—D. C. 30—Ga. 58—Ill. 486—
Ind. 311—La. 217—Mass. 361—Mich. 607,
965—Minn. 275—Mo. 548—N. Y. 1395,
1623, 1633—Ohio 445, 659, 1582—Pa. 712,
821—Tenn. 216—Tex. 253, 676—Utah 84—
Va. 50—Wash. 274—Canada 440

LODGE & SHIPLEY CO., THE

(Brakes, Shears and Presses)
Ala. 101—Cal. 434, 1207—D. C. 30—
Ga. 58—Ill. 486—Ind. 311—La. 184, 217—
Mass. 361—Mich. 607, 965—Neb. 46—
N. Y. 1623, 1633—Ohio 445, 659, 1582—
Pa. 712—Tenn. 216—Utah 84—Va. 50
Canada 440

LOEFFEL CO., INC., THE ARTHUR

P. O. Box #14
Merrick, N. Y.
Cal. 21—Conn. 432—Ill. 458—Mich. 731—
Minn. 242—Pa. 740—Wis. 452

LOEWY-HYDROPRESS DIV.

Baldwin-Lima-Hamilton Corp.
111 Fifth Ave.
New York 3, N. Y.
(Contact manufacturer direct)

LOGAN ENGINEERING CO.

4901 W. Lawrence Ave.
Chicago 30, Ill.
(See advertisement p. 561)
(Contact manufacturer direct)

LOGANSPOUT MACHINE CO., INC.

839 Payson Rd.
Logansport, Ind.
(Contact manufacturer direct)

LOMA MACHINE

MANUFACTURING CO., INC.
114 E. 32nd St.
New York, N. Y.
Cal. 1334—N. Y. 962—Pa. 614, 983

LOMBARD GOVERNOR CORP.

Main St.
Ashland, Mass.
Ill. 544—Mass. 357—Mich. 145, 983—
Miss. 38—N. Y. 480—Canada 467

LORD CHEMICAL CORP.

2068 S. Queen St.
York, Pa.
Cal. 269—Conn. 368—Ind. 367—
Mich. 429—Mo. 268—N. Y. 372, 555—
Ohio 1718—Pa. 1212—Tenn. 275—
Tex. 685—Wash. 86—Wis. 275—
Canada 218

LORD MANUFACTURING CO.

1635 W. 12th St.
Erie, Pa.
Cal. 594, 1245—Ga. 154—Ill. 459—
Mass. 140—Mich. 510—Mo. 165—
N. Y. 963—Ohio 1269—Pa. 611—Tex. 249

LOVE BROTHERS

Pyott Foundry & Machine Co. Div.
140 Stone Ave.
Aurora, Ill.
Fla. 21—Mich. 960, 1037—Ohio 291,
1475—W. Va. 58—Wis. 364

LOVEJOY FLEXIBLE COUPLING CO.

4949 W. Lake St.
Chicago 44, Ill.
Ala. 93—Cal. 252, 923—Colo. 192—
Fla. 320—Ga. 14—Mich. 1346—
Minn. 202—Mo. 122, 388—N. J. 484—
N. Y. 177—Ohio 126—Ore. 163—Pa. 42,
1121—R. I. 79—S. C. 18—Tenn. 136—
Tex. 616—Va. 67—Wash. 94

LOVEJOY TOOL CO., INC.

133 Main St.
Springfield, Vt.
Ala. 6—Ariz. 33—Cal. 1198, 1497—
Colo. 83—Conn. 453—Fla. 112—Ga. 207—
Ill. 641, 869—Ind. 247—Kan. 80—La. 192—
Md. 78—Mass. 652—Mich. 128, 884, 935—
Minn. 242—Mo. 108, 584—N. J. 190—
N. Y. 175, 407—N. C. 114—Ohio 256, 988,
1226, 1564, 1748—Ore. 136—Pa. 156,
1256—Tex. 289, 741—Utah 57—Vt. 18—
Wash. 108—Wis. 410—Canada 446

LOWELL WRENCH CO.

54 Commercial St.
Worcester 8, Mass.
Cal. 662, 1288—Conn. 248—Ill. 502—
Mass. 71—Mich. 1378—Mo. 540—
N. Y. 901—Ohio 854—Pa. 466, 905—
Tex. 99, 685—Wis. 374—Canada 478,
640

LUBIKOLD CO.

516 Bergen St.
Brooklyn 17, N. Y.
(Contact manufacturer direct)

LUCAS MACHINE DIV.

See The New Britain Machine Co.

LUCIFER FURNACES INC.

374 Easton Rd.
Neshaminy, Pa.
Ala. 59—Ariz. 88—Cal. 819, 1281—
Conn. 10—D. C. 68—Fla. 249, 280—
Ga. 62—Ill. 50—Ind. 219—Mass. 219—
Minn. 216—Mo. 127—Neb. 32—
N. J. 344—N. M. 25—N. Y. 277, 680,
929—Ohio 220, 571—Ore. 145—Pa. 197,
259, 995, 1123—Tenn. 12—Tex. 373,
567—Va. 120, 136—Wash. 233—
W. Va. 12—Wis. 344—Canada 326

LUFKIN RULE CO.

1730 Hess St.
Saginaw, Mich.
(See advertisement p. 14)
Ala. 168—Cal. 859, 945, 1443, 1444,
1481, 1532—Colo. 198—Ga. 96—Ill. 5,
140, 658, 924, 1267—Ind. 551—Ky. 11—
Md. 180—Mass. 278, 345—Mich. 536,
1277, 1302—Mo. 15—N. J. 440—
N. Y. 471, 627, 640, 641—N. C. 124—

Ohio 59, 1037—Ore. 151—Pa. 858—
Tex. 230, 695—Wis. 226—Canada 149

LUKENS STEEL CO.

305 Lukens Bldg.
Coatesville, Pa.
Ala. 47—Cal. 1409, 1420—Colo. 109—
Ill. 461—Mass. 141—Mich. 752—
N. Y. 22, 290, 965—Ohio 317, 764—
Okla. 83—Pa. 133, 980—Tex. 644—
Va. 93—Wash. 145—Canada 58, 354, 658

LUMA ELECTRIC EQUIPMENT CO., THE

1607 Coining Dr.
Toledo 12, Ohio
Ill. 1284—Mass. 394—Minn. 180—
Mo. 167—N. J. 499

LUND MANUFACTURING CO.

469 Elm St.
Biddford, Md.
Mass. 338

LUNDHOLM MANUFACTURING CO.

1121 Charles St.
Rockford, Ill.
Ariz. 98, 113—Cal. 211, 1272—Ill. 1068,
1190—Mass. 480—Mich. 533—Mo. 66—
N. Y. 1629—Pa. 115—Wis. 161

LYNAIR, INC.

3100 E. Michigan Ave.
Jackson, Mich.
Cal. 216—Colo. 9—Conn. 109—Ill. 868—
Mich. 224, 1162—Mo. 449—N. Y. 351,
868—N. C. 217—Ohio 326, 741—Pa. 408,
901—Tex. 660—Wis. 460

LYON METAL PRODUCTS, INC.

96 Montgomery Ave.
Aurora, Ill.
Cal. 598A—D. C. 62—Ga. 156A—
Ill. 463A—Mass. 142A—Mich. 515A—
Minn. 152A—Mo. 166A—N. Y. 965A,
1561A—Ohio 317A, 764A—Pa. 612A,
981A—Tex. 251A

— M —

MB MANUFACTURING CO.

(A Div. of Textron, Inc.)
1060 State St.
New Haven, Conn.
(Contact manufacturer direct)

M-B PRODUCTS, INC.

46 Victor
Detroit 3, Mich.
(See advertisement p. 125)
Cal. 216, 326, 791, 1082, 1332, 1534—
Conn. 54, 254—Ill. 377—Kan. 116—
Mass. 16, 245—Mich. 741, 973, 1314—
Minn. 36, 103—Mo. 184, 391—N. J. 81,
263, 464—N. Y. 282, 1318—Ohio 865,
1494—Okla. 138—Ore. 104—Pa. 2, 480,
985—Tex. 731—Wash. 269—Wis. 202—
Canada 147, 389, 528, 629, 164

M.B.I. EXPORT & IMPORT, LTD.

475 Grand Concourse
New York 51, N. Y.
(See advertisement p. 584)
Cal. 21, 698, 1265—Conn. 175—
D. C. 47—Ga. 58—Ill. 1255—Ind. 440—
Ky. 4—Md. 108—Mich. 1294—N. M. 25—
N. Y. 242, 468—Ohio 728—Pa. 11, 995—
Tex. 233, 522—Wis. 452

M&N MODERN HYDRAULIC

PRESS CO., INC.
780 State Hwy. #3
Clifton, N. J.
(Contact manufacturer direct)

M. P. A. CO.

Box 240
Dayton, Ore.
Cal. 1434—Ill. 344—N. Y. 142

MACCO PRODUCTS CO., THE

9210 S. Sangamon St.
Chicago 20, Ill.
Ala. 94—Ill. 34, 466—Ind. 602—
Iowa 165—Ky. 86—Mich. 815, 1040,
1157—Mo. 453—Ohio 766, 1271, 1635—
Wis. 278

MACHINE PRODUCTS CORP.

6771 E. McNichols Rd.
Detroit 12, Mich.
Cal. 606, 717, 777, 1044, 1432—Colo. 70—
Fla. 315—Ga. 58, 207—Ill. 1059—
Ind. 423—La. 192—Mass. 382—
Minn. 180—Mo. 136, 477—N. J. 94—
N. Y. 306, 451, 1126, 1359, 1579, 1606—
N. C. 26—Ohio 179, 861, 1280—Pa. 447—
Tenn. 269—Tex. 347, 463, 736—Utah 74—
Wis. 437—Canada 410, 478, 482, 518, 640

MACHINE SPECIALTIES CO.

P. O. Box 888
Topeka, Kan.
(Contact manufacturer direct)

MACHINE & TOOL ACCESSORIES CO.

7413 Lanier Dr.
Cleveland 30, Ohio
Cal. 777, 1368—Ill. 205, 340, 357, 502,
835, 1164, 1272—Ind. 49—La. 217—
Mich. 1203, 1207, 1280—N. J. 121, 246,
362—N. Y. 442, 531, 1144, 1312, 1667—
N. C. 26—Ohio 519, 760, 946, 951, 1628—
Pa. 1061, 1222—Tex. 255, 553, 747—
Wash. 273—Wis. 13, 42

MACHLETT LABORATORIES INC.

1063 Hope St.
Springdale, Conn.
Cal. 997—Ill. 470

MAC-IT PARTS CO.

275 E. Liberty St.
Lancaster, Pa.
Ala. 95—Cal. 972—Ill. 471—Mich. 1360—
N. H. 10—N. Y. 47—Ohio 767, 1272—
Ore. 125—Pa. 336

MACKLIN CO.

2914 Wildwood Rd.
Jackson, Mich.
(Contact manufacturer direct)

MADISON-FAESSLER TOOL CO.

560 Mineral Spring Ave.
P. O. Box 1137, Providence
Pawtucket, R. I.
Cal. 577, 717, 1470—Fla. 343—Ill. 1085,
1105—Ind. 365—Ky. 134—Mich. 229,
1350—Minn. 243—Mo. 521—N. J. 449—
N. Y. 914—N. C. 114—Ohio 877, 1262—
Pa. 398, 1296—R. I. 84—Tenn. 124—
Tex. 418—Wash. 269—Wis. 127—
Canada 155

MADISON INDUSTRIES INC.

560 Mineral Springs Ave.
P. O. Box 1137, Providence
Pawtucket, R. I.
(See advertisement p. 588-589)
Cal. 717, 1470—Conn. 177—Fla. 343—
Ill. 1085, 1104—Ind. 595—Ky. 134—
Mich. 229, 1350—Minn. 243—Mo. 166,
521—N. J. 449—N. Y. 1568—N. C. 114—
Ohio 877, 1262—Okla. 51—Ore. 92—
Pa. 398, 1056—R. I. 84—S. C. 61—
Tenn. 124—Tex. 418—Utah 26—
Wash. 269—Wis. 127—Canada 155

MADISON-KIPP CORP.

201 Waubesa St.
Madison 10, Wis.
(Contact manufacturer direct)

MADISON-RELCO TOOL CO.

P. O. Box 1137
Providence 1, R. I.
Ariz. 113—Conn. 14—Fla. 343—Ill. 65,
1105—Ind. 595—Ky. 8, 134—Mass. 23—
Mich. 229, 1350—Minn. 243—N. J. 449—
N. Y. 1327—N. C. 114—Ohio 1100—
Pa. 398, 1056—R. I. 81—Tex. 418—
Utah 26—Wis. 127—Canada 155

MADISON TOOL & SUPPLY CO.

801 Bond and Division St.
Elizabeth, N. J.
N. Y. 291—Pa. 575

MAGIC CITY MACHINE & TOOL CO.

817 E. Charles St.
Muncie, Ind.
Cal. 49—Ill. 628—Ind. 235—Mass. 413—
Mich. 562—N. J. 201, 532—N. Y. 464,
688, 1074, 1338—Ohio 1290

MAGNA DRIVER CORP.

779 Washington St.
Buffalo 3, N. Y.
(Contact manufacturer direct)

MAGNAFLUX CORP.

7300 W. Lawrence Ave.
Chicago 31, Ill.
Cal. 602—Mich. 516—N. Y. 972—
Ohio 768—Pa. 985—Tex. 256—
Canada 83, 640

MAGNA-LOCK, INC.

See Hanchett Magna-Lock Corp.

MAGNASYNC MANUFACTURING CO., LTD.

5546 Satsuma Ave.
North Hollywood, Cal.
(Contact manufacturer direct)

MAGNETHERMIC CORP.

3990 Simon Rd., Box 839
Youngstown 7, Ohio
Cal. 742—Fla. 47—Ill. 885—Mich. 74—
N. J. 610—Ohio 152, 769—Pa. 142—
Tex. 700—Canada 331

MAGNETIC ANALYSIS CORP.

42-44 12th St.
Long Island City 1, N. Y.
Cal. 939—Conn. 418—Ind. 596—
Mich. 46—N. J. 178—N. Y. 156, 597,
1470—Ohio 1511—Pa. 1215

MAGNETIC HOLDING DEVICES

2034 E. 22nd St.
Cleveland 15, Ohio

MAGNETICS, INC.

See Control Div.

MAGNUS CHEMICAL CO., INC.

100 South Ave.
Garwood, N. J.
Ala. 29, 188—Cal. 12—Del. 14—Fla. 63,
247, 289—Ga. 40—Ill. 657, 830, 862—
Iowa 3—Ky. 37—Me. 32—Md. 50, 228—
Mass. 34, 333, 384, 501—Mich. 103, 317,
399A—Minn. 182—Mo. 9, 118—N. H. 28—
N. J. 157, 516, 598—N. Y. 481, 482, 542,
551, 574, 1192, 1272, 1455, 1661—
N. C. 192—Ohio 304, 1101, 1351, 1352,
1487—Okla. 143—Pa. 41, 140, 355, 379,
1106—R. I. 54—Tenn. 88—Tex. 364,
631—Va. 44—Wash. 45, 65—Wis. 10

MAHON CO., THE R. C.

6565 E. Eight Mile Rd.
Detroit 34, Mich.
Ill. 475—N. Y. 973

MAHR MANUFACTURING CO.

Box 6368
Minneapolis 23, Minn.
Ill. 476—Mo. 455—N. J. 265—Ohio 770—
Pa. 988

MAIN & SONS, INC., ROBERT A.

257 Pascack Rd.
Paramus, N. J.

MALCUS TOOLS CORP.

1270 Broadway
New York 1, N. Y.

MALLORY & CO., INC., P. R.

74 S. Gray St.
Indianapolis 6, Ind.
Cal. 1007, 1212—Colo. 116—Ga. 94—
Ill. 478—Mass. 568—Mich. 517—
Minn. 155—Mo. 456—N. J. 540—
N. Y. 1352—Ohio 771, 1273—Ore. 58—
Pa. 618, 989—Tex. 278, 670—Wash. 78—
Wis. 283—Canada 390

MAMCO CORP.

532-542 Fourth St.
Racine, Wis.
Cal. 857—Conn. 229—Ill. 315—Mo. 320—
N. Y. 1158, 1385—Ohio 1231—Ore. 179—
Pa. 725—Wash. 290—Wis. 463

MANCO MANUFACTURING CO.

Washington and Grove
Bradley, Ill.
Ala. 105, 151—Cal. 242—Colo. 207—
Ill. 359—Mich. 661—Mo. 462—N. J. 105—
Ohio 242, 925—Pa. 901—Wash. 224—
Canada 222

MANEX MACHINERY CORP.

205 Central Park S.
New York 19, N. Y.
Cal. 631, 1041—Mass. 233—Mich. 119—
Mo. 460—Pa. 1068

MANHEIM MANUFACTURING & BELTING CO.

275 Manbel St.
Manheim, Pa.
(Contact manufacturer direct)

MANNING, MAXWELL & MOORE, INC.

Shaw-Box Crane & Hoist Div.
W. Broadway
Muskegon, Mich.
Cal. 189, 1250—Ga. 160—Ill. 24—Md. 107—
Mass. 569—Mich. 518—N. Y. 292, 976—
Ohio 772—Pa. 619, 990—Tex. 258, 869

MANVILLE MACHINE WORKS, INC.

75 York Ave.
Pawtucket, R. I.
(Contact manufacturer direct)

MANZEL

Unit of Houdaille Industries, Inc.
315 Babcock St.
Buffalo 10, N. Y.
Cal. 30, 778, 1139—Ill. 129—Mich. 288,
664—Mo. 394—N. J. 83—N. Y. 418—
Ohio 1365—Okla. 70—Ore. 138—
Pa. 1094—Tex. 57, 806—Canada 313

MAPLEWOOD MACHINERY CO., INC.

2634-38 Fullerton Ave.
Chicago 47, Ill.
Iowa 9—Mich. 714, 1027—Mo. 106—
Canada 377, 620

MANUFACTURERS

MARAC MACHINERY CORP.

45 S. Broadway
Yonkers, N. Y.
(Contact manufacturer direct)

MARATHON ELECTRIC

MANUFACTURING CORP.
Randolph and Cherry St., P. O. Box 630
Wausau, Wis.
Cal. 782, 912—Conn. 513—Ill. 483, 1182—
Ind. 309—Iowa 65—Mass. 591—
Mich. 520, 1031—Minn. 85—Mo. 171—
N. J. 370—N. Y. 293, 978, 1474—
Ohio 321, 775—Okla. 130—Pa. 241,
329, 991—Tex. 259, 645—Wis. 285

MARATHON SPECIALTY STEELS, INC.

375 Park Ave.
New York 22, N. Y.
(Contact manufacturer direct)

MARLETTE CORP., THE

37-31 30th St.
Long Island City 1, N. Y.
Cal. 190—Ill. 612—Kan. 87—Ky. 103—
Mich. 740—N. Y. 345—Tenn. 22—
Wash. 162

MARCELLUS MANUFACTURING CO.

P. O. Box 2
Belvidere, Ill.
(Contact manufacturer direct)

MARCHANT MACHINING CORP.

4704 Rhode Island Ave.
Hyattsville, Md.
Cal. 434—D. C. 91—Tex. 273—Wash. 117

MARINE PUMPS, INC.

Div. of Diesel Control Corp.
226 N. Marine Ave.
Wilmington, Cal.
(Contact manufacturer direct)

MARKAL CO.

3052 W. Carroll Ave.
Chicago 12, Ill.
(Contact manufacturer direct)

MARKEM MACHINE CO.

150 Congress St.
Keene, N. H.
Cal. 453, 1187—Conn. 521—Ill. 1—
Ind. 88—Me. 28—Mass. 545—Mich. 900—
Mo. 457—N. J. 428—N. Y. 981, 1340—
N. C. 40—Ohio 244, 1399—Pa. 727,
1169—Tenn. 100—Tex. 106—Wis. 197

MARLIN-ROCKWELL CORP.

402 Chandler St.
Jamestown, N. Y.
Ariz. 62—Cal. 16, 294, 603, 1077, 1251—
Conn. 343—Ga. 161—Ill. 485—Kan. 48,
68—Mich. 522—Mo. 170—N. Y. 535,
980—Ohio 322, 776—Ore. 55—Pa. 621—
Tex. 103—Wash. 72, 330—Wis. 286—
Canada 395

MARSHALL STEEL CO.

P. O. Box 108
La Grange, Ill.
(Contact manufacturer direct)

MARSHALLTOWN MANUFACTURING CO.

812 E. Nevada St.
Marshalltown, Iowa
(Contact manufacturer direct)

MARTIN ENGINEERING CO.

U. S. Rte. #34
Neponset, Ill.
Ala. 148—Cal. 494, 624, 900—Fla. 8,

135, 172—Idaho 32—Ill. 39, 1102—
Ind. 387—Iowa 93—Kan. 64—Ky. 111—
La. 111—Mich. 767, 799, 1121—
Minn. 103—Mo. 120, 449—Neb. 11—
N. C. 228—Ohio 401, 1004, 1120, 1314,
1607—Okla. 37—Ore. 118—Pa. 416—
S. C. 79—Tenn. 22—Tex. 371, 511,
756—Utah 69—Wash. 310—W. Va. 23—
Wis. 235—Canada 228, 307

MARTIN MACHINE CO., J. E.

548 W. State St.
Springfield, Ohio
Ala. 64—Cal. 84, 309, 326, 878—Colo. 93,
213—Fla. 156, 239—Ga. 58, 270—Ill. 587,
714—Ind. 12, 392, 441—Md. 25, 33—
Mass. 539, 549—Mich. 1203—Minn. 45—
Mo. 252—Neb. 32—N. J. 4, 209—
N. M. 15—N. Y. 731, 1020, 1195—
Ohio 94, 302, 576, 1117, 1202, 1553,
1554, 1639—Okla. 111—Ore. 293, 489,
955—R. I. 12—S. C. 14—Tex. 245, 463,
685, 747, 833—Utah 84—Wash. 120,
143—Wis. 50, 443—Canada 14, 155,
477, 478

MARTINDALE ELECTRIC CO.

1375 Hird Ave.
Cleveland 7, Ohio
Cal. 755, 1333—Ill. 632—Mo. 302—
N. Y. 1075—Ohio 1327—Pa. 1029—
Wash. 299

MARVEL ENGINEERING CO.

7227 N. Hamlin Ave.
Chicago 45, Ill.
(Contact manufacturer direct)

MARVEL TOOL & MACHINE CO.

1096 N. River Rd.
St. Clair, Mich.
Cal. 600, 606, 1070—Ga. 207—Ill. 705,
714—Ind. 126—Iowa 11—Mass. 385—
Mich. 128, 935—N. J. 313—Ohio 753,
1202—Okla. 39, 131—Pa. 480, 926—
S. C. 61—Tenn. 73, 124—Tex. 214—
Utah, 48—Va. 33—Wis. 163, 371

MASSACHUSETTS GEAR & TOOL CO.

918 Main St.
West Concord, Mass.
D. C. 65

MASTER CHEMICAL CORP.

13 N. Huron St.
Toledo 1, Ohio
Ala. 164—Cal. 322, 1070—Conn. 106—
Fla. 166—Ill. 131—Ind. 139—Kan. 10,
125—Md. 36—Mich. 794, 1349—Mo. 31,
594—N. Y. 649, 1623—N. C. 114—
Ohio 209, 552, 1683—Okla. 111—Pa. 358,
596—Tenn. 124—Tex. 463, 747, 833—
Wis. 335—Canada 174

MASTER PNEUMATIC, INC.

20430 Sherwood Ave.
Detroit 34, Mich.
(Contact manufacturer direct)

MASTER PNEUMATIC TOOL CO. INC.

Krick Rd., P. O. Box 269
Bedford, Ohio
Ala. 37—Ariz. 112—Cal. 249, 253, 257,
896, 913, 1088, 1253—Colo. 217—
Conn. 185—Fla. 277—Ga. 182—Ill. 264,
491, 552, 647, 1015—Ind. 317, 562—
Ky. 120—Md. 71—Mass. 486—Mich. 44,
302, 501, 508, 509, 524, 631, 852, 987—
Minn. 188—Mo. 135, 578, 581—
N. J. 513—N. Y. 219, 295, 386, 420,
1575—N. C. 174—Ohio 71, 418, 1087,
1588—Pa. 201, 254, 495, 623, 629, 797—
Tenn. 108—Tex. 206—Wash. 308—
Wis. 280, 435—Canada 196, 310, 397,
402, 451, 546

MASTERFORM TOOL CO.

9306 Belmont Ave.
Franklin Park, Ill.
(Contact manufacturer direct)

MASTERS PRECISION TOOLS CO.

3613 Archer Ave.
Chicago 9, Ill.
Ill. 114—Ind. 277—Mich. 93—
Ohio 196, 474

MATTHEWS & CO., JAS. H.

3942 Forbes Ave.
Pittsburgh 13, Pa.
Ala. 96—Cal. 240—Fla. 99—Ill. 492—
Mass. 144—N. J. 72—N. Y. 572, 1567—
N. C. 177—Ohio 323, 780, 1744—
Pa. 624—Wis. 289

MATTISON MACHINE WORKS

545 Blackhawk Ave.
Rockford, Ill.
Ala. 102—Ariz. 88—Cal. 599, 1469—
Colo. 155—Ga. 207—Ill. 544, 1005—
Ind. 407—La. 184—Mass. 230—Mich. 403—
Minn. 177, 216—Mo. 61, 319—N. J. 67—
N. Y. 1492—Ohio 403, 674, 1122, 1315—
Okla. 67—Ore. 93—Pa. 821, 1308—
Tex. 30, 747—Utah 57—Va. 50, 112—
Wash. 143, 340—Wis. 313—Canada 440

MAUREY MANUFACTURING CORP.

2907-23 S. Wabash Ave.
Chicago 16, Ill.
Ark. 36—Cal. 1275—Del. 13—Fla. 211—
Ga. 120—Ill. 118, 262, 495, 582, 1118,
1126, 1199, 1232—Ind. 428, 436, 541—
Iowa 95, Kan. 105—Ky. 85—La. 160—
Mass. 161, 360—Mich. 955, 1368—
Minn. 130, 202—Mo. 175, 200, 292—
N. J. 567—N. Y. 128, 1373—Ohio 486,
598, 663, 781, 1469, 1608—Pa. 609, 1101—
S. C. 18—Tenn. 175, 252—Tex. 109,
178, 617, 788—Wis. 13, 31, 49, 88—
Canada 279, 668

MAX MANUFACTURING CO.

138 Stockton Ave.
San Jose 26, Cal.
(Contact manufacturer direct)

MAYLINE CO., INC.

635 N. Commerce St.
Sheboygan, Wis.
(Contact manufacturer direct)

MAYNOR TOOL & CUTTER CO., INC.

227 Naygatuck Ave.
Milford, Conn.
(Contact manufacturer direct)

McCROSKY TOOL CORP.

1343-1359 S. Main St.
Meadville, Pa.
Ariz. 33—Cal. 4, 1470—Fla. 249—
Ill. 286—Ind. 365—Kan. 127—Mass. 511—
Mich. 203—Mo. 233, 289—N. J. 144—
N. Y. 483, 1601—Ohio 117, 373, 878,
1654—Okla. 168—Ore. 37—Pa. 183,
664, 920—Tenn. 124—Tex. 314, 671—
Wash. 235—Wis. 188—Canada 311

McDONOUGH MANUFACTURING CO.

1532 Galloway St.
Eau Claire, Wis.
Ala. 106, 209—Ariz. 112—Ark. 25—
Cal. 1528—Colo. 93, 142—Conn. 284—
D. C. 8—Fla. 182, 304—Ga. 181, 333—
Idaho 13—Ill. 186—Ind. 314—Iowa 9,
107—Kan. 78—La. 192, 231—Md. 61—
Mich. 1294—Minn. 216—Mo. 103, 433—
N. J. 47, 395—N. M. 29—N. Y. 258,
1052, 1611, 1643—N. C. 227—Ohio 648,
1225—Okla. 22—Ore. 153—Pa. 129,
197, 1133, 1337—S. C. 5—Tenn. 34, 148,
270—Tex. 319, 401, 736—Va. 97—
Wash. 107—W. Va. 12—Wis. 163—
Canada 11, 55, 132, 204, 619, 621

McGILL MANUFACTURING CO., INC.

Valparaiso, Ind.
Cal. 355, 1133—Colo. 214—Conn. 155—

MANUFACTURERS

Ill. 920—Mich. 137—Minn. 107—
Mo. 244—N. J. 3—N. Y. 1342—Ohio 125,
1406—Ore. 48—Tex. 236—Wash. 58—
Wis. 480

MCGONEGAL MANUFACTURING CO., THE

Railroad Ave. and Mozart Ave.
East Rutherford, N. J.
Cal. 326, 606, 1206—Colo. 105—Fla. 182—
Ill. 509—Md. 61—Mass. 680—Minn. 183—
N. Y. 306—Ohio 380, 895—Pa. 510,
744—Tex. 731

McKAY CO., THE

1005 Liberty Ave.
Pittsburgh 22, Pa.
Cal. 790, 1256—Ga. 88—Ill. 500—
Minn. 245—Ohio 970—Pa. 998, 1346—
Tex. 735—Wash. 252

McKAY MACHINE CO., THE

825 W. Federal St., P. O. Box 180
Youngstown 1, Ohio
Cal. 468

McKENZIE ENGINEERING CO., THE

78 S. Main St.
Newtown, Conn.
Cal. 608—Conn. 233

MEAD SPECIALTIES CO.

4114 N. Knox Ave.
Chicago 41, Ill.
Ala. 64—Ark. 1—Cal. 105—Colo. 217—
Fla. 171—Ga. 207—Ill. 504—Ind. 38,
506—Iowa 105—Kan. 127—Ky. 71—
La. 100—Mass. 577—Mich. 802, 956,
1122—Minn. 103—Mo. 391—Neb. 46—
N. Y. 442, 903, 1351—N. C. 26—Ohio 618—
Ore. 107—Pa. 392, 590, 1149—Tenn. 195—
Tex. 371—Wash. 308—W. Va. 40—
Wis. 402—Canada 410, 528

MECHA-FINISH CORP.

W. South St., P. O. Box #308
Sturgis, Mich.
Cal. 523, 1469—Colo. 142—Conn. 260,
477—Fla. 304—Ga. 18—Ill. 544, 1005,
1226, 1264—Ind. 343—Mich. 728, 1018—
Minn. 177—Mo. 548—Neb. 46—N. J. 285—
N. Y. 315, 609, 1583—Ohio 463, 540,
1122, 1315, 1680—Ore. 153—Pa. 221,
1069—Tenn. 163—Tex. 401—Utah 65—
Va. 52—Wash. 107—Wis. 313—
Canada 467

MECHANICAL AIR CONTROLS, INC.

10030 Capital
Detroit 37, Mich.
Ala. 88—Cal. 927—Fla. 219—Ga. 343—
Ill. 556—Ind. 94—Md. 44—Mass. 90—
Mich. 32, 96—Minn. 37—Mo. 552—
N. Y. 358, 736, 968—Ohio 639—Pa. 442,
982—Tenn. 124—Tex. 746—Wis. 312—
Canada 147-629

MECHANICS ENGINEERING CO., INC.

1318 Wildwood Ave., P. O. Box 243
Jackson, Mich.
Cal. 49, 777—Ill. 514—Ind. 179—Iowa 72—
Kan. 85—Ky. 7—Mich. 718—Mo. 108,
323, 470—N. J. 21—N. Y. 253, 568—
Ohio 1001, 1336—Pa. 1087—Wash. 54—
Wis. 376—Canada 155, 407

MECHANISMS CO.

118 E. 2nd St.
Uhrichsville, Ohio
(Contact manufacturer direct)

MEDIO CO., THE

149 Grand St.
New York 13, N. Y.
(Contact manufacturer direct)

MELARD MANUFACTURING CORP.

432 Austin Pl.
New York 55, N. Y.
Ill. 641—Mass. 673—Mich. 546, 1223—
Ohio 1545—Wis. 219

MERCURIA CO.

156 Burlington Ave.
Clarendon Hills, Ill.
Cal. 515—Ill. 838—Mich. 1294—
N. Y. 41, 465, 589—Pa. 1099, 1123—
Wis. 458

MERCURY TOOL & DIE CO., INC.

1600 E. Nine Mile Rd.
Detroit 20, Mich.
(Contact manufacturer direct)

MERIT PRODUCTS, INC.

3691 Lenawee Ave.
Los Angeles 16, Cal.
Cal. 650—Fla. 311—Ill. 239—Ind. 240—
Md. 104—Mass. 494—Mich. 774—
Mo. 594—N. J. 306—N. Y. 746—
Ohio 606—Ore. 87—Pa. 556—Tex. 463—
Wash. 86

MERZ ENGINEERING, INC.

200 S. Harding St.
Indianapolis, Ind.
Cal. 678—Ind. 405—Mich. 401, 537,
970—N. Y. 80

MESTA MACHINE CO.

P. O. Box 1466
Pittsburgh 30, Pa.
(Contact manufacturer direct)

META-DYNAMICS DIV.

Cincinnati Milling & Grinding
Machines, Inc.
4701 Marburg Ave.
Cincinnati 9, Ohio
Conn. 450—Ill. 30—Mich. 1238—
Ohio 197, 559—Pa. 1281

METAL CARBIDES CORP.

6001 Southern Blvd.
Youngstown 12, Ohio
Cal. 45, 787—D. C. 67—Ga. 233—
Ill. 506—Ind. 321—Mass. 146—
Mich. 538—N. J. 537—N. Y. 298, 1355—
Ohio 334, 793, 1745—Pa. 633, 1004, 1113—
Tex. 150—Wis. 294—Canada 476

METAL CRAFT CO., THE

Weldex Div.
18425 Weaver Ave.
Detroit 28, Mich.
(Contact manufacturer direct)

METAL CUTTING TOOLS, INC.

301 S. Water St.
Rockford, Ill.
Cal. 309—Colo. 49—Conn. 121, 488—
Fla. 155—Ill. 514, 1067, 1150—Ind. 315—
Mass. 395, 686—Mich. 1085, 1297—
Minn. 112—Mo. 222, 469—N. J. 190—
N. Y. 243, 1426—Ohio 392, 932, 1597,
1748—Pa. 154, 366, 1077, 1299—
Tenn. 124—Tex. 510—Utah 81—
Wis. 444—Canada 150

METAL FINISH, INC.

See Vibraslide Finishers

METAL LUBRICANTS CO.

3535 S. Oakley Ave.
Chicago 9, Ill.
Iowa 81—Mich. 1191—Minn. 154—
Mo. 10, 94—Tenn. 269

METAL PARTS SALES CO.

165 Delancy St.
Newark 5, N. J.
Cal. 428, 1044—Conn. 397—Ill. 512—
Ind. 57—Mass. 277—Mich. 1060—
Mo. 328—N. Y. 241, 485, 930, 1611—
N. C. 243—Ohio 330, 702, 939—Pa. 508,
1339—R. I. 49—Va. 142

METAL REMOVAL CO., THE

1801 W. Columbia Ave.
Chicago 26, Ill.
Ariz. 24—Cal. 484, 1044—Colo. 212—
Conn. 282—Ill. 1287—Ind. 399—Kan. 88—
Ky. 81—Md. 78—Mass. 597—Mich. 382,
1209—Minn. 165, 208—Mo. 295, 505—
N. J. 219—N. Y. 311, 452—N. C. 26—
Ohio 17, 341, 471, 813, 1087, 1403—
Ore. 71—Pa. 243, 405, 1087, 1348—
Tex. 477—Wis. 72

METAL & THERMIT CORP.

Rathway Ave.
Rahway, N. J.
Cal. 140, 1477—Ga. 165—Ind. 19—
Mass. 147—Mich. 540—Pa. 1005—
Tex. 655—Wash. 202

METALLIZING CO. OF AMERICA, INC.

3520 W. Carroll Ave.
Chicago 24, Ill.
Ala. 103—Cal. 612, 915—Mass. 142—
N. Y. 985—N. C. 95—Ohio 335—
Pa. 634, 1006

METALLIZING ENGINEERING CO. INC.

1101 Prospect Ave.
Westbury, N. Y.
(Contact manufacturer direct)

METALLOID CORP.

514 N. Jefferson St.
Huntington, Ind.
Cal. 658, 1198—Fla. 5—Ill. 1122—
Iowa 29—Mich. 575, 1099—N. Y. 417—
Ohio 1262, 1663—Pa. 1151

METALLURGICAL PRODUCTS DEPT.

General Electric Co.
11140 E. Eight Mile Dr.
Detroit 32, Mich.
Ala. 169, 209—Ariz. 39—Cal. 496, 600,
613, 1044, 1252, 1377—Colo. 142—
Conn. 49, 212, 437—Fla. 71, 156, 240,
304—Ga. 166, 193, 219, 333—Ill. 8,
329A, 357, 666, 720, 852, 1095, 1137,
1164, 1199, 1272—Ind. 110, 180, 441,
573—Iowa 52, 105, 162, 169—Kan. 78—
Ky. 85, 140—La. 30, 153, 192, 217, 231—
Md. 25, 131—Mass. 80, 621, 637—
Mich. 25, 42, 184, 709, 714, 870, 962,
1084, 1126, 1159, 1207, 1256, 1319—
Minn. 86, 216—Miss. 14, 29—Mo. 31,
103, 355—Neb. 16—N. J. 228, 234, 401,
580, 627—N. M. 29—N. Y. 27, 125, 175,
306, 451, 901, 1359, 1465, 1611—N. C. 27,
137, 183, 260—Ohio 48, 109, 302, 331,
794, 877, 946, 1091, 1202, 1259, 1432,
1639, 1707—Okla. 1, 30, 131—Ore. 87,
97—Pa. 31, 180, 264, 309, 325, 418, 745,
926, 1205, 1287, 1304—R. I. 70—S. C. 5,
54—S. D. 7—Tenn. 32, 92, 148—Tex. 39,
112, 339, 390, 401, 421, 462, 463, 517,
686, 736—Utah 65—Va. 33, 52, 88, 145,
149—Wash. 149, 342—W. Va. 11, 59—
Wis. 71, 355

METALS DISINTEGRATING CO., INC.

P. O. Box 290
Elizabeth 4, N. J.
(Contact manufacturer direct)

METALWASH MACHINERY CORP.

901 North Ave.
Elizabeth 4, N. J.
Cal. 390, 1154—Conn. 88—Ill. 16—
Mich. 263—Minn. 119—Mo. 87, 366—

MANUFACTURERS

METALWASH MACHINERY CORP. (cont.)

N. H. 29—N. J. 41, 612—N. Y. 232,
1315—Ohio 856, 1135—Ore. 59—
Tex. 151—Utah 23—Wash. 81—
Canada 331

MET-L-CHEK CO., THE

11919 S. Western Ave.
Los Angeles 47, Cal.
Cal. 611, 1052, 1470—Fla. 147—Ga. 5—
Ill. 398, 431—Mass. 33—Mich. 541—
N. J. 135—N. Y. 188—N. C. 47—
Ohio 1505—Pa. 296, 815, 937—
Wash. 270—Wis. 324—Canada 74

METRON INSTRUMENT CO.

432 Lincoln St.
Denver 3, Colo.
(Contact manufacturer direct)

METTLER MACHINE TOOL, INC.

Shuster Div.
155 Adeline St.
New Haven 4, Conn.
Cal. 753—Colo. 155—Ill. 544, 1144, 1226—
Ind. 343—Mich. 714, 983—Minn. 183—
Mo. 64, 319—N. Y. 355, 497, 1413, 1465,
1611—Ohio 403, 1122, 1225, 1315, 1410—
Okla. 67—Ore. 174—Pa. 1100—
Wash. 274—Wis. 313, 329—Canada 477,
478, 518, 640

MEYERS CO., W. F.

1017 14th St.
Bedford, Ind.
Cal. 230, 398, 837, 1092, 1470—
Conn. 320—Ill. 584—Ind. 240, 423—
Iowa 52, 169—Mass. 413—Mich. 662,
1056, 1129—Minn. 112—Mo. 438—
N. Y. 1294—Ohio 423, 963, 1682—
Pa. 554—Wis. 337

MICHIGAN ABRASIVE CO.

11900 E. Eight Mile Rd.
Detroit 5, Mich.
Cal. 616—Conn. 324—Ga. 317—Ill. 511—
Ind. 474—Ky. 71—Mich. 980—Mo. 23—
N. Y. 635—N. C. 195—Ohio 337, 796

MICHIGAN DRILL HEAD CO.

(now Michigan Special Machine Co.)
11449 Timken
Warren, Mich.
(See advertisement p. 16)
Ala. 106—Cal. 1418—Ill. 544, 1005—
Ind. 343—La. 100—Mich. 890, 1016,
1370, 1372, 1375—N. J. 210—N. Y. 339,
1606—N. C. 261—Ohio 1434—Okla. 131—
Pa. 1069—Vt. 21—Wis. 313—Canada 312

MICHIGAN TOOL CO.

Subsidiary of Ex-Cell-O Corp.
7171 E. McNichols Rd.
Detroit 12, Mich.
Ala. 137—Ariz. 59—Cal. 115, 117, 599,
1469—Colo. 125—D. C. 103—Fla. 42,
315—Ill. 891, 1007, 1121—Ind. 325, 501,
547—Ky. 112—Mich. 866, 878, 1007—
Minn. 275—Mo. 127, 477—Neb. 32—
N. J. 166—N. Y. 210, 1540—N. C. 269—
Ohio 179, 861, 1228, 1434, 1681—Pa. 278,
995—Tenn. 265—Tex. 115, 520—Utah 74—
Wis. 492—Canada 336, 497, 552

MICHIGAN TOOL CO.

see also Cone-Drive Gears Div.
Gear O-Mation Div.
Shear-Speed Chemical Products Div.

MICO INSTRUMENT CO.

80 Trowbridge St.
Cambridge 38, Mass.
(Contact manufacturer direct)

MICRO-LIMIT PRODUCTS, INC.

(formerly Cogsdill Twist Drill Co.)
12950 W. Eight Mile Rd.
Oak Park 37, Mich.
Cal. 113, 135, 267, 309, 604, 606, 717, 842,
858, 1004, 1363—Conn. 225, 261, 431—
Fla. 182, 280—Ga. 233—Ill. 205, 430,
515, 518, 826—Ind. 247, 578—Mass. 484,
491, 672—Mich. 523, 725, 798, 885, 979,
1129—Minn. 49—N. J. 8, 40—N. Y. 297,
1037, 1191, 1697—N. C. 91—Ohio 446,
675, 1226, 1630—Ore. 99, 131, 139, 157—
Pa. 418, 480—Tex. 255, 510, 845, 864—
Wash. 86, 91, 123—Wis. 163

MICROMATIC HONE CORP.

8100 Schoolcraft Ave.
Detroit 38, Mich.
Cal. 617—Conn. 142—Ill. 1261—Ind. 507—
Ohio 797

MICROMETRICAL MANUFACTURING CO.

345 S. Main St.
Ann Arbor, Mich.
Cal. 678, 1177—Colo. 155—Conn. 459—
D. C. 30—Ga. 148—Ill. 688—Ind. 250—
La. 166—Mass. 455—Mich. 401, 1164—
Minn. 218—Mo. 127, 477—Neb. 32—
N. J. 542—N. Y. 1282—Ohio 877, 1347—
Okla. 131—Ore. 153—Pa. 148, 920—
Tenn. 216—Tex. 317, 733—Utah 65—
Wash. 86—Wis. 203—Canada, 478,
518, 640, 631

MICRO-POISE ENGINEERING & SALES CO.

14851 Grand River
Detroit 27, Mich.
Cal. 702—N. Y. 862—Tex. 736—
Canada 248

MICRO PUNCH AND DIE CO.

121 Loomis St.
Rockford, Ill.
(Contact manufacturer direct)

MICRO SWITCH, A DIV.

of Minneapolis-Honeywell Regulator Co.
11 W. Spring St.
Freeport, Ill.
(Contact manufacturer direct)

MIDDLESTADT MACHINE CO., THE

4210 Chesmont Ave.
Baltimore 6, Md.
Md. 115

MIDLAND-ROSS CORP.

Owosso Div.
490 S. Chestnut St.
Owosso, Mich.
(Contact manufacturer direct)

MIDO PRODUCTS

1801 Border Ave.
Torrance, Cal.
(Contact manufacturer direct)

MIDVALE-HEPPENSTALL CO.

See Heppenstall Co.

MID-WEST ABRASIVE CO.

510 S. Washington St.
Owosso, Mich.
Cal. 618—Ill. 517—Mich. 1182—
N. C. 209—Ohio 799—Pa. 26

MIDWEST TOOL & ENGINEERING CO., THE

112 Webster St.
Dayton 2, Ohio
Ariz. 55—Cal. 606, 1377—Conn. 145,

249, 342—Fla. 156—Ga. 181—Ill. 141,
502—Ind. 98, 273—Kan. 127—Md. 33—
Mass. 57, 674—Mich. 40, 198, 207, 223,
339, 393, 714, 865, 888, 1207, 1310—
Minn. 216, 316—Mo. 127, 355, 469—
Neb. 32—N. J. 209, 395—N. Y. 125, 306,
613, 754, 784—N. C. 137—Ohio 302, 742,
854, 946, 1639—Ore. 61, 92—Pa. 71, 169,
995, 1123—Tenn. 56, 112, 241—Va. 28—
Wis. 470—Canada 155, 389, 478

MILFORD RIVET & MACHINE CO., THE

857 Bridgeport Ave.
Milford, Conn.
(See advertisement p. 560)
Cal. 531—Colo. 158—Conn. 399—Ga. 35—
Ill. 698—Ind. 333—Iowa 22—Mass. 624—
Mich. 610—Minn. 313—Mo. 445—
N. J. 347, 383—N. Y. 1407—N. C. 28—
Ohio 647, 1440, 1592—Pa. 299, 935—
Tenn. 189, 327—Wash. 211—Wis. 463

MILLER CO., THE

Rolling Mill Div.
99 Center St.
Meriden, Conn.
Ill. 1052—Mass. 318—N. Y. 989—
Ohio 1472—Pa. 146

MILLER CORP., HARRY

Fourth and Bristol St.
Philadelphia 40, Pa.
Conn. 354—Ga. 307—Ill. 782—Ind. 56—
Mass. 546—N. Y. 1190, 1645—Ohio 431,
671—Pa. 222, 242, 400, 616, 874, 1312—
S. C. 69—Tex. 94

MILLER ELECTRIC

MANUFACTURING CO., INC.
718 S. Bounds St.
Appleton, Wis.
Cal. 1521—Colo. 141—Ga. 168—Ill. 520—
Ind. 515—Iowa 154—La. 35—Mass. 402—
Mich. 131—Minn. 328—N. J. 84—
Ohio 1349—Ore. 132—Pa. 636, 1008—
Tex. 263, 656—Wis. 14

MILLER FLUID POWER DIV.

Flick-Reedy Corp.
7 N. 15th York Rd.
Bensenville, Ill.
(See advertisement p. 19)

Ala. 32—Cal. 447, 525, 568, 795, 1176—
Ga. 140—Ill. 970, 979, 980, 993, 1180—
Md. 133—Mich. 298, 639, 712—
Minn. 230—Mo. 193—N. J. 317, 372—
N. Y. 503, 667, 1424, 1546—Ohio 816,
931, 1527—Pa. 507, 572, 933, 961—
Wash. 276—Canada 462, 524

MILLER KNUTH MANUFACTURING CO.

Subsidiary of Auburn Machine
Works, Inc.
Auburn, Neb.
(Contact manufacturer direct)

MILLERS FALLS CO.

57 Wells St.
Greenfield, Mass.
Cal. 619—Ga. 169—Ill. 522—N. Y. 991—
Ohio 803—Tex. 448

MILNE & CO., INC., A.

67 W. 44th St.
New York 36, N. Y.
Cal. 36, 1263—Conn. 268—Fla. 342—
Ga. 170—Ill. 973—Ind. 328—Ky. 94—
Mass. 150—Mich. 548—N. J. 235—
N. Y. 1356—Ohio 805, 1279—Pa. 637, 1012

MILWAUKEE ELECTRIC TOOL CORP.

5368 W. State St.
Milwaukee 8, Wis.
Cal. 621—Ill. 524—Mich. 549—N. Y. 590—
Pa. 1248—Wash. 204

MANUFACTURERS

MILWAUKEE MOTIVE

MANUFACTURING CO.

1825 S. Kinnickinnic Ave.
Milwaukee 4, Wis.
Cal. 906—Ohio 324, 1016—Ore. 171—
Wis. 240, 481

MINER TOOL CO., T. B.

17400 Hesperian Blvd.
San Lorenzo, Cal.

(Contact manufacturer direct)

MINICLUTCH CO., THE

375 Morse St.
Hamden 14, Conn.

(Contact manufacturer direct)

MINNESOTA MINING &

MANUFACTURING CO.

900 Bush Ave.
St. Paul 6, Minn.
Cal. 625, 1478—Ga. 171—Ill. 19—
Mass. 436—Mich. 550—Minn. 304—
Mo. 473—N. J. 496—N. Y. 302—
Ohio 339, 806—Pa. 101, 639—Tex. 264—
Wash. 205

MINNESOTA MINING &

MANUFACTURING CO.

Adhesives, Coatings & Sealers Div.

900 Bush Ave.
St. Paul 6, Minn.
Cal. 625, 1478—Ga. 171—Ill. 19—
Mass. 436—Mich. 550—Mo. 474—
N. J. 496—N. Y. 302—Ohio 339, 806—
Pa. 101, 1012, 639—Tex. 264—Wash. 205

MINSTER MACHINE CO., THE

Fifth and Canal St.
Minster 1, Ohio
Ala. 106—Ariz. 50—Cal. 536, 1413—
Colo. 125—Conn. 497—Fla. 244—Ga. 82—
Ill. 462—Ind. 307—La. 100—Mass. 289—
Mich. 402, 983—Minn. 316—Mo. 418—
Neb. 46—N. J. 140—N. Y. 195, 1348,
1563—N. C. 89—Ohio 302, 795, 1225,
1582—Pa. 1069, 1308—Tenn. 71, 166, 234—
Va. 95—Wis. 276—Canada 379

MISENER MANUFACTURING CO., INC.

202-8 Walton St.
Syracuse 2, N. Y.
Cal. 206—Colo. 68—Ill. 675—Ind. 234—
Md. 128—Mass. 220—Mich. 217—
Mo. 124, 486—Neb. 26—N. Y. 23, 658—
Ohio 67—Pa. 371, 1083—Va. 28—
Canada 68, 386, 536

MITCHELL CO., E. C.

Boston St.
Middleton, Mass.
Md. 104—Mass. 69—Mo. 538—N. Y. 885—
Pa. 1178—Tenn. 9—Tex. 319, 686—
Wis. 426

MITCHELL SPECIALTY DIV.

Industrial Enterprises, Inc.
Edmund and Shelmire St.
Holmesburg, Pa.
Cal. 272—Mich. 551

MITTS & MERRILL INC.

1009 S. Water St.
Saginaw, Mich.
Ala. 169—Cal. 58, 536—D. C. 30—
La. 100—Mass. 289—Mich. 714—
N. Y. 315, 656—Ohio 76, 302—Pa. 712,
821—Tenn. 34—Wis. 218

MOCCASIN BUSHING CO.

2000 Chestnut St.
Chattanooga 8, Tenn.
(Contact manufacturer direct)

MODCO TOOL DIV.

The Valeron Corp.
21100 Coolidge Hwy.
Detroit 37, Mich.
Cal. 273—Ill. 525—Ind. 330—N. Y. 1574—
Ohio 809—Wis. 413A

MODEL MACHINE CO., INC.

4729 Hawthorne St.
Philadelphia 24, Pa.
Ala. 136—Cal. 606—Conn. 18—Ill. 166—
Ind. 358—Mich. 764—Minn. 109—
N. C. 219—Ohio 1529—Pa. 1004, 1266—
Wis. 387—Canada 165

MODERN INDUSTRIAL ENGINEERING CO.

14230 Birwood
Detroit 38, Mich.
Ill. 811—Ind. 488—Ohio 179, 1278—
Tenn. 67—Canada 500

MODERN MACHINE TOOL CO.

2005 Losey Ave.
Jackson, Mich.
(Contact manufacturer direct)

MODERN MANUFACTURING CO., INC.

680 Davisville Ave.
Willow Grove 3, Pa.

MODERNAIR CORP.

400 Preda St.
San Leandro, Cal.
Ala. 113, 212—Ariz. 5—Cal. 76, 162,
181, 316, 541, 707, 807, 910, 992, 1010,
1073, 1199, 1293, 1376, 1492, 1506—
Colo. 135, 162—Conn. 205—Fla. 23, 84,
133, 146, 172, 185, 249—Ga. 101, 292,
311, 333—Idaho 18—Ill. 59, 377, 555,
852—Ind. 141, 186—Kan. 64—Ky. 5, 16—
La. 196—Me. 18—Md. 48—Mass. 540—
Mich. 125, 373, 786, 885, 926, 956, 1061,
1091, 1121, 1135, 1358—Mo. 57, 279, 470—
Neb. 49—N. H. 13—N. J. 356—N. Y. 99,
282, 1391—N. C. 84—Ohio 3, 297, 686,
1327, 1414, 1423, 1638—Okla. 35, 111—
Ore. 7, 16, 117, 153, 192, 199, 200—
Pa. 176, 414—R. I. 22—S. C. 8—
Tenn. 82, 87, 163, 182, 225—Tex. 371,
406, 489, 756—Utah 99—Va. 1, 125—
Wash. 269, 383—W. Va. 19—Wis. 345—
Canada 11, 69, 99, 477, 601

MOHAWK FILE & TOOL

494 Franklin St.
Buffalo 1, N. Y.
(Contact manufacturer direct)

MOHAWK TOOLS, INC.

910 E. Main St.
Montpelier, Ohio
(Contact manufacturer direct)

MOHR TOOL & MANUFACTURING CO.

Box 63
Maywood, Ill.
(Contact manufacturer direct)

MOJAVE GRANITE CO.

1651 Miller Ave.
Los Angeles 63, Cal.
Ariz. 46—Cal. 75, 286, 715, 914, 968,
1469—Colo. 105, 139—Ill. 41, 318, 1008—
Mass. 108—Mich. 393, 1329—N. Y. 598—
Ohio 1615—Ore. 37—Pa. 1123—Wash. 235

MOLINE TOOL CO.

102 20th St.
Moline, Ill.
Ala. 101—Cal. 599, 1469—Colo. 105—
Conn. 487—Ga. 58—Ill. 486, 1224—
Ind. 295, 481—Mass. 171—Mich. 587,
843—Minn. 275—Mo. 226, 548—

N. Y. 334, 1062, 1598—Ohio 346, 819,
1282—Okla. 161, 174—Pa. 747, 1021—
Tenn. 163—Tex. 30, 676—Utah 54—
Va. 112—Wash. 274, 363—Wis. 287—
Canada 99, 132, 143, 268, 477, 517, 639

MOMAR INDUSTRIES

4323 W. 32nd St.
Chicago 23, Ill.

MONARCH MACHINE SHOP, INC.

2530 Pennsylvania Ave.
Madison 4, Wis.
Ill. 729

MONARCH MACHINE TOOL CO., THE

1961 Oak Ave.
Sidney, Ohio
Ala. 102—Ariz. 96—Cal. 58, 629, 1380—
Colo. 125—Conn. 497—Fla. 249—Ga. 181—
Idaho 13—Ill. 1053—Ind. 332—La. 166,
224—Mass. 289—Mich. 554—Minn. 86—
Mo. 127, 355—Neb. 32—N. J. 287—
N. Y. 195, 1284, 1602—N. C. 89—
Ohio 340, 810, 1225—Okla. 101—Ore. 93—
Pa. 1014, 1317—Tenn. 34, 163—Tex. 194,
717—Utah 43—Wash. 143—W. Va. 12—
Wis. 50—Canada 128, 269, 478, 518,
610, 651

MONROE ENGINEERING PRODUCTS, INC.

1515 Hurd Rd.
Monroe, Mich.
(See advertisement p. 311)

Cal. 802, 1356—Ill. 585—Ind. 387, 545—
Mass. 32—Mich. 718—Minn. 183—
Mo. 476—N. Y. 220, 620, 1368, 1558—
Ohio 740, 1314, 1598—Pa. 176, 553,
1123—Wis. 376—Canada 467, 511

MONTGOMERY AND CO., INC.

413 Morris Ave.
Springfield, N. J.
(Contact manufacturer direct)

MOORADIAN MANUFACTURING CO.

1752 E. 23rd St.
Los Angeles 58, Cal.
Ariz. 4, 39, 60—Cal. 18, 72, 110, 137,
174, 188, 199, 360, 452, 523, 64C, 745,
830, 858, 886, 893, 1006, 1013, 1044,
1088, 1121, 1186, 1205, 1209, 1252, 1363,
1365, 1373, 1374, 1538—Colo. 234—
Conn. 166—Fla. 172—Idaho 13—Ill. 48,
799—Iowa 21, 56, 99—Mass. 510—
N. J. 444—N. M. 3—N. Y. 891, 1029,
1030—Okla. 117—Ore. 30, 46, 153—
Tenn. 183—Tex. 255, 273, 343, 444—
Wash. 86, 102, 343, 349—Wis. 50

MOORE PRODUCTS CO.

H and Lycoming St.
Philadelphia 24, Pa.
Cal. 630—Ga. 174—Ill. 531—Ky. 96—
La. 151—Mich. 556—N. Y. 998—
Ohio 812—Pa. 1016—Tex. 658—
Canada 408

MOORE SPECIAL TOOL CO., INC.

800 Union Ave.
Bridgeport 7, Conn.
Cal. 599, 1469—Fla. 304—Ill. 1035—
Ind. 407—Iowa 11—Mich. 607—Mo. 108,
527—N. C. 172—Ohio 254, 853, 1225,
1649—Okla. 132—Ore. 93—Pa. 1100—
Tex. 202—Wash. 143, 340—Canada 199,
587

MORAN INSTRUMENT CORP.

170 E. Orange Grove
Pasadena, Cal.
(Contact manufacturer direct)

MOREY MACHINERY CO., INC.

383 Lafayette St.
New York 3, N. Y.
(Contact manufacturer direct)

MANUFACTURERS

MORLEY MACHINERY CORP.

1239 University Ave.
Rochester 7, N. Y.
(Contact manufacturer direct)

MORRIS MACHINE TOOL CO.

2901 Eastern Ave.
Cincinnati 2, Ohio
Ala. 137—Ariz. 78, 88—Cal. 704, 1310—
D. C. 51—Fla. 304, 311—Ga. 210—
Ill. 761—Ind. 24, 227, 246—Iowa 9—
Kan. 78—La. 224—Mass. 288—
Mich. 237, 545—Minn. 183—Mo. 103,
470, 584—N. Y. 184, 240, 999, 1063,
1602—Ohio 715, 956—Okla. 22, 104—
Ore. 37—Pa. 51, 510, 995, 1123—
Tenn. 67—Tex. 235, 463, 738—Utah 43—
Wis. 353—Canada 299

MORRIS CO., ROBERT E.

See Rem Sales, Inc.

MORRISON CO., D. C.

P. O. Box 1017
Cincinnati 1, Ohio
(Contact manufacturer direct)

MORRISON ENGINEERING CO.

933 W. Lake St.
Chicago 7, Ill.
(Contact manufacturer direct)

MORSE CHAIN CO.

S. Aurora St.
Ithaca, N. Y.
Cal. 623, 632, 1468—Colo. 146—Ga. 176—
Ill. 532, 1094—Mass. 151—Mich. 559—
Minn. 174—Mo. 187—N. J. 447—
N. C. 98—Ohio 343, 818—Ore. 134,
154—Pa. 297, 1018—Tex. 266, 659—
Wash. 94—Wis. 305—Canada 97, 101,
111, 290, 466, 625, 632

MORSE CO., H. E.

455 Douglas Ave.
Holland, Mich.
(See advertisement p. 324)

Ala. 61—Conn. 122, 392—Ill. 201, 602,
720, 806, 1014, 1242—Ind. 70, 365, 531—
Md. 36—Mass. 16, 245, 616—Mich. 648,
1159, 1207—Minn. 112—Mo. 567—
Neb. 32—N. J. 585—N. Y. 291, 859,
1291—Ohio 102, 428, 593, 970, 1219—
Pa. 204, 229, 1348—Wis. 203

MORSE TWIST DRILL & MACHINE CO.

Div. of Van Norman Industries, Inc.
Pleasant St.
New Bedford, Mass.
Cal. 1269—Ill. 533—Mich. 580—
N. Y. 1091—Tex. 267

MORTON MACHINE WORKS

A Div. of Brubaker Tool Corp.
P. O. Box 231
Millersburg, Pa.
Cal. 736—Mich. 842—N. Y. 1003

MORTON MANUFACTURING CO.

Broadway and Hoyt St.
Muskegon Hts., Mich.
Ala. 106—Cal. 523, 1052, 1071, 1207—
Colo. 142—Conn. 292—Ind. 96, 352—
Mass. 21—Mich. 646, 1170—Minn. 312—
Mo. 548—Neb. 32—N. Y. 355, 881, 1413,
1611—N. C. 7, 191—Ohio 295, 916, 1649—
Ore. 37—Pa. 1069, 1316—S. C. 24—
Tenn. 49, 216—Tex. 214, 401, 549—
Utah 65—Va. 50, 120, 145—Wash. 235—
Wis. 387—Canada 365, 478, 518, 640, 651

MOTCH & MERRYWEATHER

MACHINERY CO., THE
1250 E. 22nd St.
Euclid 17, Ohio
Ala. 169—Cal. 122, 202—Conn. 40, 84,
293—Fla. 83, 324—Ill. 346, 395, 852,
1113, 1151—Ind. 70, 96, 251, 531, 567—
Iowa 52, 151, 160—Mass. 418, 651—
Mich. 306, 843, 1011, 1021, 1210, 1343—
Minn. 112—Mo. 469, 506—N. J. 335,
379, 536, 585—N. Y. 70, 350, 445, 1435,
1443, 1460, 1560, 1638—N. C. 183—
Ohio 346, 1282—Pa. 316, 327, 398, 506,
862, 1021, 1205—Tenn. 106, 733—
Utah 52—Va. 97—Wash. 257—Wis. 163

MOTOR TOOL MANUFACTURING CO.

Box 3805 Park Grove Station
Detroit 5, Mich.
Cal. 664—Ill. 407—Ind. 423—Mass. 18—
Mo. 66, 127—Neb. 32—N. Y. 689, 1503—
Ohio 753—Ore. 97—Pa. 72—Tex. 463—
Canada 135

MOTT SAND BLAST MANUFACTURING CO.

2633 W. Walnut St.
Chicago 12, Ill.
Ill. 561—Mo. 470—N. J. 122—N. C. 258

MUELLER BRASS CO.

1925 Lapeer Ave.
Port Huron, Mich.
Cal. 633, 1479—Colo. 147—D. C. 66—
Fla. 190—Ga. 177—Ill. 974—Ind. 338—
Iowa 121—La. 152—Mass. 260—
Mich. 561, 988—Minn. 176—Mo. 188,
481—N. J. 378—N. Y. 1578—Ohio 347,
821—Pa. 648, 1021—Tex. 268—Wash. 377

MULTIFINISH MANUFACTURING CO.

26341 W. Eight Mile Rd.
Detroit 40, Mich.
(Contact manufacturer direct)

MULTI METALS, INC.

500 E. Main St.
Louisville, Ky.
Cal. 570, 1227—Ill. 239—Mass. 672—
Mich. 87—Miss. 18—Mo. 200—N. J. 276—
N. Y. 739—Ohio 719—Tex. 414, 623—
Va. 119—Wash. 166

MULTIPLEX CO.

1536 Getty St.
Muskegon, Mich.
(Contact manufacturer direct)

MUMMERT-DIXON CO.

Philadelphia and Gay St.
Hanover, Pa.
(Contact manufacturer direct)

MUNNING & MUNNING, INC.

292-298 Emmet St.
Newark 5, N. J.
N. Y. 1005—Pa. 649

MURRAY-WAY CORP.

Box 180
Birmingham, Mich.
Conn. 292—Ga. 38—Ill. 718—Ky. 90—
Minn. 243—N. Y. 881—Pa. 921—
Canada 204

MUSKEGON TOOL INDUSTRIES, INC.

11th at Western
Muskegon, Mich.
Ala. 64—Cal. 878—Colo. 83—Conn. 254—
Ill. 813—Ind. 223—Iowa 51—Mass. 177,
449—Mich. 230, 896—Minn. 325—
N. J. 44—N. Y. 415, 1638, 1694—
Ohio 668, 1325, 1630—Okla. 51—Vt. 18—
Wis. 241

MUTUAL MACHINE CO., INC.

8 Loring St.
Hudson, Mass.
(Contact manufacturer direct)

MYR SHEET METAL

INDUSTRIES INC., ARTHUR B.
13105 Prospect Ave.
Dearborn, Mich.
Cal. 838—Ind. 479—Mich. 115, 299

—N—

NANKERVIS CO., GEORGE L.

15300 Fullerton Ave.
Detroit 27, Mich.
Cal. 845A—Conn. 477A—Mich. 880A

NARDA ULTRASONICS CORP., THE

625 Main St.
Westbury, L. I., N. Y.
Ariz. 67—Cal. 297, 390—Colo. 66—
Conn. 122, 494—Fla. 181, 276—Ill. 285,
592—Ind. 51, 245, 337—Md. 205—
Mass. 232—Mich. 1024, 1201—Minn. 243—
Mo. 105, 287, 288—N. J. 65, 195—
N. Y. 131, 144, 241, 495, 1083, 1105, 1236—
N. C. 105—Ohio 503—Pa. 481, 904, 1187—
Tex. 76, 184, 400—Va. 10—Wash. 168—
Wis. 325—Canada 131, 148, 339, 385,
403, 581

NATIONAL ACME CO., THE

170 E. 131st St.
Cleveland 8, Ohio
Ala. 101—Cal. 258, 1290—Colo. 135—
Fla. 283—Ga. 62—Idaho 13—Ill. 540—
Mich. 567—N. J. 380—N. C. 172—
Ohio 823—Ore. 79—Tenn. 163—
Tex. 277, 717—Utah 101—Wash. 76

NATIONAL AUTOMATIC TOOL CO., INC.

S. Seventh and N St.
Richmond, Ind.
Cal. 466, 1207—Colo. 155—Fla. 304—
Ill. 1054—Ind. 516—La. 166, 224—
Md. 204—Mass. 592—Mich. 568—
Mo. 106, 355—Neb. 32—N. Y. 304, 659—
Ohio 83—Okla. 132—Ore. 153—Pa. 143,
821—Tenn. 34—Tex. 277, 700—Utah 84—
Wash. 143—Canada 467

NATIONAL BROACH & MACHINE CO.

5600 St. Jean Ave.
Detroit 24, Mich.
Cal. 224, 875—Colo. 155—D. C. 17—
Ill. 1043—Ind. 100, 382, 498—La. 100,
224—Md. 61—Mass. 574—Minn. 216—
Mo. 419—N. J. 542—N. M. 43—
N. Y. 442, 531, 1598, 1638—N. C. 26—
Ohio 78, 1291, 1665—Okla. 132—Ore. 93—
Pa. 366, 1079—Tex. 603—Utah 43—
Va. 28—Wash. 143—Canada 49, 182,
311, 492, 532

NATIONAL COMPRESSOR CORP.

933 W. Lake St.
Chicago 7, Ill.
(Contact manufacturer direct)

NATIONAL DIAMOND LABORATORY

619 South St.
Peekskill, N. Y.
Colo. 21—Conn. 275—Ga. 219—Ill. 25,
1196—Ky. 38—Mich. 832—Minn. 243—
Mo. 27—N. Y. 1325—N. C. 218—
Ohio 666—Okla. 52—Wis. 89

NATIONAL DIOCHEMICAL CO.

3127 W. Lake St.
Chicago 12, Ill.
(Contact manufacturer direct)

NATIONAL ELECTRIC WELDING MACHINES CO.

1846-1916 N. Trumbull St.
Bay City, Mich.
Cal. 751—Ill. 534—Mass. 663—
Mich. 1271—Mo. 579—Ohio 820, 1160—
Pa. 151—Tex. 676—Canada 159, 612

NATIONAL FILE CO.

530 N. Cedar St.
Lansing 12, Mich.
(Contact manufacturer direct)

NATIONAL GRINDING WHEEL CO., INC.

Erie Ave. and Walck Rd.
North Tonawanda, N. Y.
(Contact manufacturer direct)

NATIONAL JET CO.

10 Cupler Dr., Lavale
Cumberland, Md.
Ariz. 78—Cal. 492, 600—Ind. 190—
Mich. 432—N. Y. 622, 661

NATIONAL LOCK WASHER CO., THE

40 Hermon St.
Newark 5, N. J.
Cal. 1124—Colo. 157—Conn. 451—
Ga. 122—Minn. 220—Mo. 185—
Ohio 1573—Ore. 84—Tex. 237—Wis. 308

NATIONAL MACHINE PRODUCTS CO.

Utica, Mich.
(Contact manufacturer direct)

NATIONAL MACHINERY CO.

Greenfield and Staunton St.
Tiffin, Ohio
(Contact manufacturer direct)

NATIONAL PIONEER SALES & SERVICE CORP.

5700 W. North Ave.
Chicago 39, Ill.
Cal. 523—Conn. 517—Ill. 544—Ind. 343—
La. 166—Mich. 146, 983—Minn. 177—
Mo. 548—N. J. 67—N. Y. 1611—
Ohio 319, 802—Pa. 995—Tex. 676—
Wash. 107—Wis. 313—Canada 440

NATIONAL PNEUMATIC CO., INC.

See Holtzer-Cabot Div.

NATIONAL REFINING CO.

Div. Ashland Oil & Refining Co.
P. O. Box 6479
Cleveland 1, Ohio
Ill. 541, 1117—Ind. 93, 341—Ky. 97—
Mich. 571, 881, 989, 1132—Mo. 487—
Ohio 40, 1104, 1377, 1523, 1647—
Wis. 309

NATIONAL SCREW & MANUFACTURING CO.

2440 E. 75th St.
Cleveland 4, Ohio
Cal. 636—Mich. 573—N. Y. 1008—
Ohio 349, 696, 1439—Pa. 651, 1025

NATIONAL STEEL CORP.

Weirton Steel Co. Div.
P. O. Box 431
Weirton, W. Va.
Cal. 779, 1346—Ill. 798—Ind. 448—
Mass. 208—Mich. 779, 1026, 1168—
Mo. 582—N. Y. 1155, 1431—N. C. 140—
Ohio 450, 1008, 1690—Ore. 189—Pa. 754,
1148A—Tenn. 50—Tex. 661—Wis. 431

NATIONAL TOOL CO.

11200 Madison Ave.
Cleveland 2, Ohio
(See advertisement p. 563)

Cal. 266, 1201—Colo. 3—Conn. 121—
Fla. 248—Ga. 167—Ill. 267, 1008—
Ind. 71, 213, 489—Ky. 109—Md. 78—
Mass. 395, 686—Mich. 266, 480, 817,
1274, 1319—Minn. 159—Mo. 584—
N. J. 393—N. Y. 175, 1699—Ohio 116,
325, 787, 917, 1041, 1396, 1564—
Okla. 133—Pa. 899, 1256, 1257—
Tex. 314, 733—Wash. 278—Wis. 179

NATIONAL TOOL SALVAGE CO.

6511 Epworth Blvd.
Detroit 10, Mich.
Cal. 973—Colo. 144—Kan. 69A—Ky. 109—
Mass. 294—Mich. 852—N. Y. 258, 564—
Ohio 1180—Ore. 122—Pa. 445—
Tenn. 203—Wis. 315

NATIONAL TWIST DRILL & TOOL CO.

Rochester, Mich.
(See advertisement p. 9)
(Contact manufacturer direct)

NATIONAL TWIST DRILL & TOOL CO.

See also Staples Tool Co., The

NATIONAL ULTRASONIC CORP.

Route 23
Singac, N. J.
Fla. 19—Ga. 221

NEBEL MACHINE TOOL CORP.

See Smith & Mills Shaper Div.

NEDCO CO., THE

27 Jones Rd.
Waltham 54, Mass.
Ariz. 13—Cal. 27, 567, 1517—Conn. 39,
47—D. C. 87—Fla. 234—Idaho 14—
Ill. 236—Iowa 176—Kan. 4—Me. 16—
Md. 186—Mass. 64, 78, 159, 229, 253,
306, 446—Mich. 228, 343, 595, 897, 1001,
1105—Minn. 11, 26—Mo. 25, 35, 134—
N. Y. 657, 1026—N. C. 175—Ohio 880—
Ore. 71, 97, 143—Pa. 363, 793—
R. I. 15, 41—Tenn. 7, 119—Tex. 301,
363, 434, 855, 881—Wash. 379

NEISE, KARL A.

404 Fourth Ave.
New York 16, N. Y.
Cal. 796

NELCO TOOL CO., INC.

Subsidiary-Brown & Sharpe
Manufacturing Co.
266 Center St.
Manchester, Conn.
Cal. 381—Ill. 22—Mich. 1184—N. J. 491,
583—Ohio 534, 801

NELSON STUD WELDING

Div. of Gregory Industries, Inc.
Toledo Ave. at E. 28th St.
Lorain, Ohio
Ala. 115—Cal. 637, 1398—Colo. 152—
Fla. 11—Ga. 178—Ill. 546—Mich. 574—
Minn. 305—Mo. 488—N. J. 450—
N. Y. 1011, 1580—Ohio 350, 824, 1648—
Pa. 1028, 1227—Tex. 272, 662—
Wash. 212—Wis. 317—Canada 412

NESEN DIAMOND TOOL CORP.

111 Lake Ave.
Tuckahoe 7, N. Y.
Ala. 116—Ariz. 112—Cal. 660, 1377—
Colo. 142—Conn. 54, 408, 432, 437—
Fla. 239—Ga. 108—Ill. 852, 1151, 1166—
Ind. 369—Kan. 90—Ky. 102—La. 184—

Mass. 356, 655—Mich. 843, 1002, 1203—
Minn. 93—Mo. 166, 470—N. Y. 44, 369,
452, 1298, 1452, 1466, 1502, 1560—
N. C. 137—Ohio 346, 819, 1282, 1646—
Okla. 30, 131—Pa. 761, 1021—R. I. 49—
Tenn. 34, 249—Tex. 463—Vt. 17—Va. 28

NEUBER INDUSTRIAL DIAMOND CO.

791 Tremont St.
Boston 18, Mass.
(Contact manufacturer direct)

NEW BRITAIN MACHINE CO., THE

New Britain-Cridley Machine Div.
South St.
New Britain, Conn.
Ala. 169—Cal. 1501—Colo. 63—
Conn. 134, 313—D. C. 30—Fla. 278—
Ill. 903—Mich. 576—N. C. 58—Ohio 352,
826—Okla. 146—Tenn. 216—Tex. 676—
Wash. 107—Canada 500, 607

NEW BRITAIN MACHINE CO., THE

Hoern & Dilts
925 Rust Ave.
Saginaw, Mich.
(Contact manufacturer direct)

NEW BRITAIN MACHINE CO., THE

Koehler Aircraft Products Co.
409 Leo St.
Dayton 4, Ohio
Cal. 784—D. C. 57—Fla. 94—Kan. 72—
Okla. 121—Wash. 83—Canada 424

NEW BRITAIN MACHINE CO., THE

Lucas Machine Div.
12302 Kirby Ave.
Ala. 169—Cal. 599, 1469—Colo. 63—
D. C. 30—Fla. 278—Ill. 294—Ind. 295—
La. 30, 192, 231—Mass. 289—Mich. 514—
Minn. 183—Mo. 319—N. Y. 355, 656,
1413, 1465—N. C. 58—Ohio 302, 1091,
1259, 1726—Pa. 1308—Tenn. 216—
Tex. 253, 676—Wash. 143—Wis. 194—
Canada 500, 607

NEW BRITAIN TOOL & MANUFACTURING CO., INC.

10 Harvard St.
New Britain, Conn.

NEW DEPARTURE DIV.

General Motors Corp.
269 N. Main St.
Bristol, Conn.
Ariz. 65—Cal. 59, 638—Fla. 12—Ill. 548,
1006—Ind. 347—Mass. 152—Mich. 577—
Mo. 489—N. Y. 1013, 1581—N. C. 101—
Ohio 353, 827—Pa. 652—Tenn. 186—
Wash. 213—Wis. 318

NEW ENGLAND BUTT CO.

Div. of Wanskuck Co.
304 Pearl St.
Providence 7, R. I.
(Contact manufacturer direct)

NEW ENGLAND DIE CO., INC.

48 Ford Ave., P. O. Box 4278
Waterbury 14, Conn.
(Contact manufacturer direct)

NEW ENGLAND MACHINE & TOOL CO.

913 Farmington Ave.
Berlin, Conn.
(Contact manufacturer direct)

NEW ENGLAND TAP CO., INC.

Endicott St., P. O. Box 420
Norwood, Mass.
Conn. 254—Ga. 52—Ill. 187, 1105—
Ind. 270—Md. 36—Mass. 579—

MANUFACTURERS

NEW ENGLAND TAP CO., INC. (cont.)

Mich. 793—Minn. 159—Mo. 547—
N. J. 44—N. Y. 457, 796, 1630—
Ohio 867, 1186—Okla. 136—Pa. 930—
Tex. 317—Wash. 172—Wis. 102—
Canada 637

NEW ENGLAND TUBULAR RIVET, INC.

97 Buckingham Ave.
Milford, Conn.
Conn. 489—Mich. 345, 346—N. C. 107—
Ohio 625

NEW-FIELD MACHINED PARTS CO.

210 W. Seventh St.
Los Angeles 14, Cal.
Cal. 230, 326, 606, 878—Mass. 20,
385—Mich. 696—Mo. 329—N. J. 351—
N. Y. 427—Pa. 316, 888—Utah 13—
Wis. 19—Canada 155

NEW HERMES ENGRAVING MACHINE CORP.

13-19 University Pl.
New York 3, N. Y.
Cal. 487—Ill. 418—Mass. 653—
Ohio 1410—Canada 589

NEW JERSEY ZINC CO., THE

160 Front St.
New York 38, N. Y.
Cal. 639, 917—Ill. 549—Mass. 155—
Ohio 829

NEW METHOD STEEL STAMPS, INC.

149 Jos. Campau
Detroit 7, Mich.
Cal. 1405—Colo. 83—Conn. 400—
Ga. 207—Ill. 1059, 1153—Ind. 156,
501, 553—Iowa 81—Mass. 340—
Mich. 1230—Mo. 477—N. Y. 80—
Ohio 179, 894, 1681, 1228—Pa. 553—
Wis. 41—Canada 497

NEW YORK & NEW JERSEY LUBRICANT CO.

292 Madison Ave.
New York 17, N. Y.
Ala. 187—Conn. 82, 92—Ill. 550—
Ky. 143—Mass. 341—Mich. 578—
Mo. 490—N. H. 3—N. J. 524—
N. Y. 58, 1014, 1475—N. C. 102, 180—
Ohio 1042—Pa. 248, 1269—B. C. 53, 74

NEW YORK TWIST DRILL CO., INC.

276 Lafayette St.
New York 12, N. Y.
Cal. 640—Ill. 551

NEWAGE INDUSTRIES, INC.

222 York Rd.
Jenkintown, Pa.
Cal. 793—Ill. 670

NEWARKVILLE MACHINE & TOOL CO.

711 Lehigh Ave.
Union, N. J.
(Contact manufacturer direct)

NEWCOMER PRODUCTS INC.

Dailey Ave. Ext.
Latrobe, Pa.
Ala. 221—Cal. 205, 1060—Conn. 106—
Ill. 131, 1192, 1225—Ind. 135, 365—
Mass. 381—Mich. 398, 1230—Minn. 51—
Mo. 505—N. J. 144—N. Y. 1553,
1638—Ohio 117, 373, 731—Pa. 183,
283, 920—Tex. 603—Wash. 269—
Wis. 290

NEWMAN, I.

1001 24th St.
Oakland 7, Cal.
Cal. 4, 876, 1252—Colo. 83—Conn. 271—
Ill. 813—Minn. 288—N. J. 507—Utah 52—
Wash. 235—Wis. 342

NEWTON HYDRAULIC TOOLING CO.

Sword St.
Auburn, Mass.
Cal. 508—Ill. 894—Kan. 87—
Mass. 672—Miss. 37, 295—N. Y. 625—
Ohio 279, 1243—Canada 418

NIAGARA CUTTER DIV.

Bollier-Damerell, Inc.
367 Schenck St.
N. Tonawanda, N. Y.
(Contact manufacturer direct)

NIAGARA MACHINE AND TOOL WORKS

637-697 Northland Ave.
Buffalo 11, N. Y.
Ala. 102, 201—Cal. 599, 1469—
Colo. 142—Fla. 71, 158, 240, 304—
Ga. 181—Ill. 294, 1157, 1220—
Ind. 348, 533—Mass. 561—Mich. 579,
1348—Minn. 216—Mo. 64, 319—
N. Y. 1017, 1413, 1465, 1611—
N. C. 123, 186—Ohio 403, 830, 1122—
Okla. 67—Ore. 93—Pa. 1318—
S. C. 5—Tenn. 34, 256—Tex. 214,
604—Utah 65—Va. 112—Wash. 143,
340—Wis. 194—Canada 269, 478,
518, 640, 651

NICE BALL BEARING CO.

30th and Hunting Park Ave.
Philadelphia 40, Pa.
Ill. 1055—Mass. 453A—Mich. 580—
Tex. 103

NICHOLAS EQUIPMENT CO.

Buckeye at Lincoln
Bellevue, Ohio
Cal. 517

NICHOLS CO., W. H.

48 Woerd Ave.
Waltham 54, Mass.
Ala. 102—Ariz. 88—Ark. 25—Cal. 369,
523, 1469—Colo. 155—Conn. 260, 477—
Fla. 171, 248—Ga. 207—Idaho 13—
Ill. 166, 882, 1035—Ind. 259, 314—
Iowa 117—Kan. 77—La. 166, 220—
Md. 21—Mass. 431—Mich. 403—
Minn. 86, 109—Mo. 103, 295—
Neb. 32—N. J. 29, 425—N. M. 25—
N. Y. 179, 443, 589, 655, 684, 1242,
1257, 1611—N. C. 89—Ohio 674, 1315—
Okla. 22—Ore. 93—Pa. 510, 712,
821, 1123—Tenn. 71—Tex. 253, 747—
Utah 47—Wash. 143—Wis. 387

NICHOLS-MORRIS CORP.

76 Mamaroneck Ave., P. O. Box 430
White Plains, N. Y.
(Contact manufacturer direct)

NICHOLSON FILE CO.

Providence 1, R. I.
(Contact manufacturer direct)

NICKELSON TOOL & DIE CO., INC.

1107 S West St.
Wichita 12, Kan.
Cal. 1015—Mich. 1296

NIELSEN, INC.

Lawton, Mich.
Ala. 112—Cal. 417, 878—Colo. 132—
Conn. 245—Ga. 234—Ill. 286—
Ind. 361—Mich. 368, 1124, 1196,
1203—Minn. 86, 183, 216, 242—
Mo. 103, 106, 355—Neb. 46—N. Y. 306,
449, 1074, 1359, 1638—N. C. 137,
186—Ohio 302, 510, 946, 1654—
Pa. 447, 926, 1053, 1151, 1277, 1308—
R. I. 17—Tex. 747—Va. 112—Wis. 188—
Canada 640

NIELSEN, INC., E. V.

575 Hope St., P. O. Box 353 (Glenbrook)
Springdale, Conn.
Cal. 18, 70, 448, 514, 607, 615, 748,
882, 1052, 1368, 1370—Conn. 15, 35,

242—Ill. 115, 240, 308, 502, 513, 585,
865, 1070—Ind. 101, 267—Mass. 119,
353, 410, 644—Mich. 975, 1122—
Minn. 171, 281—N. J. 47, 108, 224,
281, 283, 394, 445, 474—N. Y. 110,
258, 346, 686, 715, 855, 1157, 1465—
N. C. 223—Ohio 2—Okla. 103—
Ore. 61—Pa. 557, 650, 1033—R. I. 78—
S. C. 24—Tex. 646—Wis. 135, 211

NIKON, INC.

111 Fifth Ave.
New York 3, N. Y.
Cal. 968, 1327—Conn. 302—Fla. 285—
Ind. 463—Mass. 223—Mich. 625—
Minn. 243—N. Y. 454, 1369—N. C. 26—
Pa. 52

NILSON MACHINE CO., THE A. H.

Bridgeport Ave.
Shelton, Conn.
Cal. 753—Conn. 511—Ill. 320—
Ind. 267—Md. 123—Mich. 533—
N. J. 17—Ohio 940—Pa. 1249—
Wis. 204—Canada 379

NIROL MANUFACTURING CO.

900 Rt. 22
North Plainfield, N. J.
Ind. 161—N. J. 42—Ohio 510—
W. Va. 11

NOBLE & WESTBROOK MANUFACTURING CO.

20 Westbrook St.
East Hartford 8, Conn.
Ala. 136—Ariz. 45—Cal. 46, 439—
Ill. 294, 1008—Ind. 165—La. 100—
Mich. 286—Minn. 229—N. J. 379—
N. Y. 1208, 1545—N. C. 219—
Ohio 346, 819, 1282, 1654—Pa. 1021,
1201—Tenn. 163—Tex. 214, 253, 590—
Wis. 130—Canada 478, 640

NOBUR MANUFACTURING CO.

6860 Farmdale Ave.
North Hollywood, Cal.
Ala. 4—Ariz. 71, 112—Cal. 46, 914,
1198, 1377, 1400—Colo. 83—Conn. 102,
382, 54—Fla. 175, 248—Ga. 216—
Ill. 155, 239, 428, 493, 585, 826, 851,
989, 1124, 1166, 1168—Ind. 70, 102,
206, 564—Iowa 64, 122—Kan. 2, 93,
101—Md. 36, 61—Mass. 164, 597—
Mich. 18, 395, 667, 956, 968, 1129,
1150, 1232, 1338—Minn. 61, 112,
113, 183—Mo. 127, 166, 469—N. J. 35,
201, 228, 395, 466—N. Y. 65, 125,
369, 422, 1338, 1443, 1482, 1623, 1700—
N. C. 114, 266—Ohio 44, 47, 127, 946,
1011, 1200, 1598, 1654, 1753—Ore. 87—
Pa. 480, 626, 881, 926, 1097—Tex. 845—
Utah 2—Va. 66—Wash. 86—
Wis. 78, 345, 347, 408

NOPAK DIV.

Galland-Henning Manufacturing Co.
2753 S 31st St.
Milwaukee 46, Wis.
(See advertisement p. 554)

Ala. 48—Ark. 24—Cal. 791, 1332—
Colo. 217, 240—Ga. 101—Idaho 23—
Ill. 696, 938—Ind. 279, 506—Kan. 64—
Md. 27—Mass. 662—Minn. 103—Mo. 184,
279—Mont. 29—N. J. 252—N. Y. 19,
919—Ohio 75, 379, 1756—Ore. 22,
60—Pa. 334, 413, 1108—S. C. 77—
Tenn. 246, 274—Tex. 598—Wash. 140,
367—W. Va. 54—Wis. 402, 479—
Canada 61, 472, 523

NORGREN CO., C. A.

3400 Elati St.
Englewood, Colo.
Ala. 9—Ariz. 5—Cal. 85, 1467—
Colo. 217—Conn. 482—Ill. 556—
Ind. 94—Ky. 126—La. 217—Md. 44—
Mich. 566—Minn. 211—Mo. 39, 552—
N. J. 88—N. Y. 254, 1531—N. C. 151—
Ohio 989, 1281—Okla. 35—Ore. 84—
Pa. 1033, 1268—Tex. 304—Wash. 308—
Wis. 402—Canada 61, 450, 523

— O —

NORMA-HOFFMANN BEARINGS CORP.

Hamilton Ave.
Stamford, Conn.
Cal. 739, 1321—Colo. 203—Fla. 103—
Ill. 554—Mich. 581—Mo. 235—
Ohio 354, 832—Ore. 177—Pa. 653—
Tex. 337—Wash. 283—Canada 399, 582

NORTH AMERICAN PRODUCTS CORP.

707 Bartley St., Box 291
Jasper, Ind.
Ariz. 83—Ark. 27—Cal. 798, 1186,
1373—Colo. 169—Conn. 152—Fla. 172,
280—Ga. 175—Ill. 6, 875—Ind. 460,
598—Iowa 122—La. 100, 210—
Me. 1—Md. 119—Mass. 564—
Mich. 755, 917—Minn. 229—Mo. 470—
N. H. 6—N. J. 153—N. Y. 153, 398,
1134—N. C. 249—Ohio 356—Okla. 128—
Ore. 82—Pa. 486, 984—Tex. 477, 560,
842—Va. 56—Wash. 150—Wis. 47, 449

NORTH AMERICAN VIKING DRILL CO.

470 Kittson St.
St. Paul 1, Minn.
Ala. 26—Cal. 881, 987—Colo. 47—
Conn. 125—Fla. 211—Ga. 219—
Ill. 44, 711, 1159—Ind. 296—Md. 222—
Mich. 1223—Minn. 46, 293—Mo. 178,
430—Neb. 7—N. J. 465—N. Y. 371,
1379—N. C. 30—Ohio 357, 933—
Ore. 150—Pa. 914—Tenn. 101, 201—
Tex. 283—Wis. 444

NORTHERN HYDRAULICS & MACHINE CORP.

1545 N. 31st Ave.
Melrose Pk., Ill.
(Contact manufacturer direct)

NORTHFIELD FOUNDRY & MACHINE CO.

Northfield, Minn.
Cal. 773, 1186—Ga. 153—Ind. 95—
La. 100, 224—Mass. 97—Minn. 191—
N. J. 175—N. Y. 714, 746—Ohio 590—
Pa. 486—Tex. 255—Wis. 262

NORTHWESTERN TOOLS, INC.

117 Hollier Ave.
Dayton 3, Ohio
Ariz. 33, 109—Cal. 214, 938, 1042,
1092—Colo. 59, 392—Del. 11—
Fla. 336—Ill. 155, 233, 430, 1175—
Ind. 235, 518, 564—Iowa 11, 166—
Kan. 77—Ky. 81—La. 184—Md. 61—
Mass. 20, 540—Mich. 741, 914, 1094—
Minn. 113—Mo. 94, 470—N. J. 18—
N. M. 25—N. Y. 100, 291, 426, 442,
531, 645, 688, 1247—N. C. 219—
Ohio 331, 576, 1202, 1639—Okla. 22,
104—Pa. 178, 765, 1202—Tenn. 269—
Tex. 246, 319, 463, 685—Utah 26—
Wis. 54, 351—Canada 155, 529

NORTON CO., THE

Abrasive Div.
1 New Bond St.
Worcester 6, Mass.
(See advertisement p. 47)
Cal. 255—Conn. 479—Ga. 274—
Ill. 558—Ind. 350—Mich. 583—Mo. 494—
N. J. 547—Ohio 833—Pa. 654, 1033

NORTON CO., THE

Machine Div.
New Bond St.
Worcester, Mass.
Ala. 169—Ariz. 97—Cal. 58, 629,
1081, 1380—Colo. 142—Conn. 479, 487—
Fla. 184, 248—Ill. 486, 558, 378—
La. 184, 220—Md. 102, 179—Mass. 676—
Mich. 583, 843—Minn. 216—Mo. 106,
319—Neb. 42—N. Y. 334, 1062, 1395,
1585—N. C. 172—Ohio 346, 819, 833,
1282—Ore. 79—Pa. 161, 1021, 1317,
1345—Tex. 194, 401, 717—Utah 65—
Va. 28, 142—Wash. 274

NORTON CO., THE

See also Behr-Manning Co.

NOVI TOOL & MACHINE CO.

25806 Novi Rd.
Novi, Mich.
Cal. 326, 606—Ill. 502—Kan. 125—
Mich. 667, 1214—Minn. 61—Mo. 449—
N. Y. 568, 796—Ohio 1707—Pa. 29—
Wis. 54, 406

NUCLEAR PRODUCTS - ERCO

Div. of ACF Industries, Inc.
P. O. Box 5
Riverdale, Md.
(Contact manufacturer direct)

NUGENT & CO., INC., WM. W.

3440 Cleveland St.
Skokie, Ill.
Ariz. 48—Cal. 605, 1353—Colo. 43—
La. 106—Mass. 553—Mich. 446—
Mo. 397—N. Y. 776—Ohio 223, 544—
Okla. 79—Pa. 48, 877—Tex. 602—
Utah 41—Wash. 111—Canada 5, 16,
54, 110, 261, 347, 554, 664, 666

NU-MATIC GRINDERS, INC.

Subsidiary: Abrasive Machine Methods Corp.
8224 Carnegie Ave.
Cleveland 3, Ohio
Ala. 222—Ariz. 69—Ark. 11—
Cal. 650, 654, 1278, 1399—Colo. 122—
Conn. 54, 182—Del. 11—D. C. 30—
Fla. 177—Ga. 193, 276—Idaho 13—
Ill. 297—Ind. 98—Iowa 112, 172—
Kan. 84—Ky. 87—La. 30—Me. 25—
Md. 131, 196—Mass. 16—Mich. 513,
1207—Minn. 275—Mo. 66—Mont. 24—
Neb. 32—N. J. 306—N. M. 23—
N. Y. 27, 314, 530, 775, 1643—
N. C. 38, 150—Ohio 470, 1199—
Okla. 22—Pa. 627, 905, 1309, 1355—
Tenn. 246—Tex. 255, 389—Utah 71—
Va. 53—Wash. 86—Canada 204

NUMATICS, INC.

1450 N. Milford Rd.
Highland, Mich.
Cal. 860—Ga. 190—Ill. 593—
Ind. 475—Md. 76—Mass. 104—
Mich. 586, 1114, 1314—Minn. 208—
N. J. 90—N. Y. 365, 652—Ohio 746,
1281, 1638—Pa. 643, 935—Va. 127—
Wash. 182—Wis. 176

NUPLA MANUFACTURING CO., DIV. OF

New Plastic Corp.
1026 N. Sycamore Ave.
Los Angeles 38, Cal.
Cal. 52, 366—Colo. 170—Conn. 125—
Fla. 48—Ga. 52—Ill. 322, 870—
Ind. 221—Iowa 4, 144, 178—Kan. 106—
Md. 215, 222—Mass. 157—Mich. 699,
960—Minn. 254—Mo. 252—N. J. 429—
N. Y. 516, 1211—N. C. 65—Ohio 913,
1603—Pa. 145—R. I. 2—Tenn. 141—
Tex. 294, 629, 678, 763—Utah 13—
Wash. 224—Wis. 253—Canada 287

NYLOK CORP., THE

611 Industrial Ave.
Paramus, N. J.
Cal. 114, 143, 313—Conn. 145, 153,
182—D. C. 30—Ga. 8—Ill. 438,
1245—Ind. 351, 389—Kan. 123—
Mass. 51, 465—Mich. 383—Minn. 192,
194—Mo. 225, 551—N. J. 38—N. Y. 79,
125, 435, 1207—Ohio 341, 519, 1033—
Pa. 744—Tex. 459—Wash. 6—
Canada 370, 486

NYLTITE CORP. OF AMERICA

280 Badger Ave.
Newark 8, N. J.
(Contact manufacturer direct)

O.K. RUBBER WELDERS, INC.

Manufacturing Div.
501 Rio Grande Ave.
Littleton, Colo.
Ariz. 33, 108—Cal. 49, 81, 268, 326,
344, 418, 424, 430, 505, 536, 606, 704,
885, 950, 957, 966, 1000, 1004, 1013,
1042, 1044, 1070, 1198, 1207, 1265,
1372, 1384, 1432, 1528—Colo. 23, 38,
63, 83, 155, 160—D. C. 30—Ill. 15—
Iowa 25—Kan. 77—Md. 61—Mich. 1053—
Minn. 288—Mo. 108, 469—N. M. 25—
Ohio 175, 307, 1018, 1536, 1537—
Ore. 153—Pa. 1308—Utah 35—
Wash. 274—Wis. 50, 132, 200, 442

O. K. TOOL CO., INC., THE

Milford, N. H.
(See advertisement p. 597)
Ala. 64, 101—Cal. 878—Conn. 16-501—
Fla. 240—Ga. 157—Ill. 559—Ind. 207—
Iowa 4—La. 184—Md. 36—Mass. 376,
672—Mich. 588, 885, 1343—Minn. 159—
N. H. 2, 22—N. Y. 350, 403, 489, 564—
N. C. 137—Ohio 131, 877, 1123, 1280,
1549—Ore. 87—Pa. 243, 934—Tenn. 122—
Tex. 321, 418, 697, 884—Va. 52—
Wash. 258—Wis. 355—Canada 439, 612

OAKITE PRODUCTS, INC.

58 Rector St.
New York 6, N. Y.
Cal. 641, 1273—Conn. 203—Ga. 183—
Ill. 560—Ky. 99—Mich. 589—Mo. 495—
N. Y. 1018, 1362—Ohio 834—Pa. 657,
1034—Tex. 274

OBERG MANUFACTURING CO., INC.

Silverville Rd.
Tarentum, Pa.
Ariz. 90—Cal. 45, 398

OCTAVIA TOOL & GAGE CO.

3320 N. Kedzie Ave.
Chicago 18, Ill.
(Contact manufacturer direct)

OHIO CRANKSHAFT CO., THE

See Tocco Div.

OHIO GEAR CO., THE

1333 E. 179th St.
Cleveland 10, Ohio
Ariz. 119—Cal. 623, 1468—Conn. 341—
Ill. 8, 95, 200, 660—Ind. 457, 565—
Iowa 63—Ky. 66—La. 189—Md. 194—
Mich. 18, 563, 865, 1002, 1109—
Minn. 130—Mo. 264, 380—N. J. 580—
N. Y. 167, 320, 733, 1028, 1290, 1617—
N. C. 245—Ohio 28, 336, 430, 461,
926, 1065, 1378, 1506, 1608—Pa. 127,
175, 393, 606, 699, 1101, 1287—
Tenn. 177, 182—Tex. 506—Va. 97—
Wash. 309—Wis. 257—Canada 106, 537

OHIO KNIFE CO., THE

Dreman Ave. and B. & O. Railroad
Cincinnati 23, Ohio
Cal. 643, 919—Ill. 563—Mich. 591—
N. Y. 660—Ohio 1043—Ore. 142—
Pa. 1036

OHIO SEAMLESS TUBE DIV.

of Copperweld Steel Co.
Shelby, Ohio
Ala. 126—Cal. 810—Colo. 133—Fla. 277—
Ill. 985, 1056—Kan. 90—La. 32—
Mich. 1070—Minn. 296—Mo. 261, 404—
N. Y. 1019, 1438—N. C. 49—
Ohio 837, 1288—Okla. 77—Pa. 1013,
1319—Tex. 753—Utah 26—
Wash. 208—Canada 605

MANUFACTURERS

OIL-DYNE, INC.

2115F W. Marquette Rd.
Chicago 36, Ill.
Cal. 314, 1322—Colo. 135—Ga. 101—
Ill. 1191—Ind. 387, 539—Iowa 68—
Ky. 111—La. 197, 232—Mass. 671—
Mich. 360, 861, 946, 1117—Minn. 181—
Mo. 249, 605—N. J. 90, 176—N. Y. 736,
1351—N. C. 84—Ohio 401, 873, 1120, 1314,
1601—Okla. 35, 141—Pa. 796—S. C. 8—
Wash. 285—Wis. 321—Canada 228

OILGEAR CO., THE

1560 W. Pierce St.
Milwaukee 4, Wis.
Cal. 644—Ill. 564, 1193—Mass. 563—
Mich. 592—N. J. 127—N. Y. 313—
Ohio 358, 838—Wash. 223

OIL-RITE CORP.

2318 Waldo Blvd.
Manitowoc, Wis.
Cal. 606, 781, 1259—Conn. 184—
Ill. 605—Mich. 288—N. Y. 138, 336,
1029—Ohio 974—Pa. 864—Tenn. 122—
Tex. 616, 769

OKUN CO., INC., A. L.

109-02 Van Wyck Exp.
S. Ozone Park 20, N. Y.
(Contact manufacturer direct)

OLIVER CORP., THE

A. B. Farquhar Div.
142 N. Duke St.
York, Pa.
Ariz. 78—Cal. 254, 704, 1265, 1423—
Conn. 487—Ill. 370—Ind. 246—
Mass. 171, 608—Mich. 403, 786—
Minn. 312—Mo. 433—N. Y. 334,
1062, 1596—Ohio 327, 783, 937—
Okla. 22—Pa. 759, 995, 1069—
Tenn. 258—Tex. 10, 747—Utah 100—
Wash. 76—Wis. 35, 344

OLIVER INSTRUMENT CO.

1413 E. Naumee St.
Adrian, Mich.
Ala. 101—Cal. 58, 503, 1380—
Colo. 142—Conn. 497—Fla. 45—
Ga. 243—Ill. 486—Ind. 378, 552—
La. 184, 217—Mass. 103—Mich. 715—
Minn. 183—Mo. 106, 355—Neb. 32—
N. Y. 195, 656, 1395, 1585—N. C. 191—
Ohio 302, 1091, 1259, 1410, 1676—
Okla. 101—Ore. 79—Pa. 169, 926,
1316—S. C. 24, 58—Tenn. 34, 92,
163—Tex. 112, 747—Utah 100—
Va. 50, 120, 145—Wash. 143—
W. Va. 12—Wis. 287

OLIVER MACHINERY CO.

445 Sixth St. N. W.
Grand Rapids 2, Mich.
Cal. 574, 1358—Ill. 565—Minn. 187—
Mo. 497—N. Y. 1021—Wash. 274

OLIVETTI CORP. OF AMERICA

Machine Tool Div.
42-33 Northern Blvd.
Long Island City 1, N. Y.
Cal. 704—Conn. 53—Mass. 480—
Mich. 507—Mo. 545—N. C. 26—Ohio 709—
Ore. 153—Wis. 459

OLOFSSON CORP., THE

2727 Lyons Ave.
Lansing 9, Mich.
Ill. 246—Ind. 407—Mich. 182—
Mo. 106—N. J. 94—N. Y. 195—
Ohio 383, 795—R. I. 63

ONEIDA MACHINE TOOL CORP.

2400 E. Walnut St.
Oneida, N. Y.
Cal. 326, 606, 728—Conn. 285, 361—
Del. 11—Ga. 18, 270—Idaho 13—
Ill. 276, 502—Ind. 75, 273—Iowa 107—

Ky. 71—Mass. 108—Mich. 48, 300,
956, 994—Minn. 183—Mo. 463, 540,
567—N. J. 350—N. Y. 93, 684, 1445,
1576—Ohio 290, 895, 1011, 1106,
1580—Ore. 28, 153—Pa. 334, 440,
658, 1087—R. I. 74—Tex. 253, 306—
Va. 48—Canada 640

O'NEIL-IRWIN MANUFACTURING CO.

625 Eighth Ave.
Lake City, Minn.
Cal. 284—Ga. 184—Ill. 497—Kan. 52—
N. J. 286—Va. 13

O'NEIL & KNUDSEN TOOL CO.

10829 Fawcett Ave.
El Monte, Cal.
Cal. 359, 505, 523, 536, 600, 745, 794,
966, 1363, 1421—Fla. 182—Minn. 254—
N. Y. 242, 816—Ohio 124

ONSRUD CUTTER

MANUFACTURING CO., INC.

800 E. Broadway
Libertyville, Ill.
Cal. 434, 571—Conn. 254—D. C. 91—
Ill. 674—Kan. 93—Ky. 24—Mass. 48—
Mich. 403, 977, 1086, 1207—Mo. 567—
N. Y. 576, 1633—Ohio 674—Pa. 1123,
1301—Tenn. 183, 249—Tex. 273, 319,
343—Utah 2—Canada 352, 478

ONSRUD MACHINE CO.

7720 N. Lehigh
Niles 48, Ill.
Cal. 434, 574, 1198—Fla. 104, 159,
248—Ill. 663—Ind. 153, 596—Kan. 127—
Mass. 48—Mich. 347—Minn. 312—
Mo. 103, 567—Neb. 32—N. Y. 240,
576—N. C. 249—Ohio 377, 674, 1394—
Pa. 397—Tenn. 210—Tex. 273—Va. 26—
Wash. 301—Wis. 127—Canada 44

ONSRUD MACHINE WORKS, INC.

Machine Tool Div.
7720 N. Lehigh Ave.
Niles 48, Ill.
Ariz. 10—Cal. 434, 1198—Colo. 105—
D. C. 91—Fla. 248—Ga. 58—Ind. 42—
Kan. 127—La. 184, 192—Mass. 361—
Mich. 403—Minn. 312—Mo. 103, 567—
Neb. 32—N. Y. 240, 576—N. C. 172—
Ohio 674—Tenn. 216—Tex. 273—
Utah 47—Canada 476

OPTICAL GAGING PRODUCTS, INC.

26 Forbes St.
Rochester 11, N. Y.
Cal. 717, 1470—Colo. 70—Ga. 81—
Ill. 566—Ind. 250—Iowa 18—Mich. 296,
1164—Minn. 113—Mo. 419—N. J. 149—
N. Y. 291, 1375, 1476—N. C. 26—
Ohio 877, 1347—Pa. 281, 1155—
Tenn. 124—Tex. 115—Wash. 269—
Wis. 220—Canada 476

OPTO ENGINEERING CO.

Div. of Remanes, Inc.
1630 Euclid St.
Santa Monica, Cal.
(Contact manufacturer direct)

OPTO-METRIC TOOLS, INC.

137 Varick St.
New York 13, N. Y.
(Contact manufacturer direct)

ORANGE ROLLER BEARING CO., INC.

557 Main St.
Orange, N. J.
Ala. 117, 204—Cal. 739, 1321—Colo. 203—
Conn. 219, 402—Fla. 189—Ga. 173—
Ill. 908—La. 10, 132—Me. 2—
Md. 116—Mass. 214—Mich. 1045—
Mo. 235, 309—N. J. 403, 576—N. Y. 37,
75, 354, 448, 538, 605, 1117, 1246, 1412,
1609, 1664—N. C. 97, 164—Ohio 273,
869—Pa. 642, 846, 1186—R. I. 77—
S. C. 35—Tenn. 14—Tex. 337—Va. 98—
Wash. 283

ORBAN CO., INC., KURT

34 Exchange Pl.
Jersey City 2, N. J.
Cal. 434—Ill. 1066, 1152—Ind. 402—
Mass. 361—Mich. 482—Minn. 180—
Ohio 842—Va. 9—Wash. 301—Canada 416

ORTMAN-MILLER MACHINE CO., INC.

19 143rd St.
Hammond, Ind.
Cal. 927, 1461—Conn. 205—Ga. 37—
Ill. 556—Ind. 506—Mass. 299, 619—
Mich. 390—Minn. 211—Mo. 249—
N. J. 90, 176—N. Y. 726, 1351—
Ohio 163, 897, 1054, 1157, 1176, 1452,
1721—Ore. 159—Pa. 931, 1331—
S. C. 50—Tex. 371, 756—Utah 90—
Wash. 250—W. Va. 79—Wis. 291—
Canada 418, 504, 594

OSBORN MANUFACTURING CO., THE

5401 Hamilton Ave.
Cleveland 14, Ohio
Cal. 647, 1482—Ill. 567—Mich. 593—
N. Y. 1022—Ohio 843—Pa. 1042

OSTER MANUFACTURING CO., THE

1340 E. 289th St.
Wickliffe, Ohio
(Contact manufacturer direct)

OTIS ELEVATOR CO.

See Baker Industrial Trucks

OTTEMILLER CO. THE WM. H.

Pattison St. & M. & P. R. R.
York, Pa.
(Contact manufacturer direct)

OVEE GAUGE CO.

3626 W. Slauson Ave.
Los Angeles 43, Cal.
Ill. 99—Md. 61—Mich. 1164—
N. Y. 1147—Ohio 861—Okla. 151

OZALID DIV.

See General Aniline & Film Corp.

— P —

PIC DESIGN CORP.

477 Atlantic Ave.
East Rockaway, N. Y.
Cal. 1514—Ill. 755—Ind. 324—Ky. 33—
Mich. 417—Minn. 144—Mo. 116,
390—N. Y. 421, 422, 423, 424, 425,
1118—Ohio 359, 840—Okla. 78—
Pa. 529, 1039—Tex. 637—Wis. 261—
Canada 630

PACIFIC GRINDING WHEEL CO., INC.

2212 Pacific Ave.
Everett, Wash.
Ariz. 2, 4—Cal. 24, 27, 122, 159, 165,
679, 863, 899, 991, 993, 1088, 1259,
1388, 1508—Idaho 13—Ore. 15, 18,
19, 22, 71, 72, 118, 202, 203—Tex. 420—
Wash. 18, 269, 337, 379

PACIFIC INDUSTRIAL MANUFACTURING CO.

848 49th Ave.
Oakland 1, Cal.
Ala. 141—Ariz. 99—Cal. 753, 1413—
Colo. 63—Conn. 509—Fla. 352—
Ill. 348—Ind. 246—Iowa 67, 177—
La. 100—Mich. 728—Minn. 111—
Mo. 183, 476—N. Y. 655, 1257—
Ohio 76—Okla. 134—Ore. 153—
Pa. 1102, 1316—Tex. 253, 522—Utah 100—
Va. 50—Wash. 76—Wis. 218—
Canada 119, 379

PACIFIC TRANSDUCER CORP.
11836 W. Pico Blvd.
Los Angeles 64, Cal.

PACKAGE MACHINERY CO.
See Reed-Prentice Div.

PACKER MACHINE CO., THE
456 Center St.
Meriden, Conn.
Cal. 318—Ill. 320—Ohio 1373

PADDOCK TOOL CO.
1418 Walnut St.
Kansas City 6, Mo.
(See advertisement p. 559)
Ala. 53—Ark. 14—Cal. 103, 564, 1044,
1184—Colo. 61—Conn. 180—Fla. 46—
Ga. 90—Ill. 48, 415, 674, 819—
Ind. 95, 215—La. 180A—Md. 53—
Mass. 437, 506—Mich. 1017, 1258—
Minn. 324—Mo. 192, 345, 371—
N. J. 435—N. Y. 585—N. C. 52—
Ohio 238, 575, 1098, 1261, 1607—
Okla. 81—Pa. 518, 523, 765, 871—
Tenn. 236, 240, 547—Wash. 114, 274,
380—W. Va. 14—Wis. 175

PALEEY SUPPLY CO.
2263 E. Vernon Ave.
Los Angeles 58, Cal.
(Contact manufacturer direct)

PALNUT CO., THE
119 Glen Rd.
Mountainside, N. J.
(Contact manufacturer direct)

PANGBORN CORP.
4700 Pangborn Blvd.
Hagerstown, Md.
Ala. 118—Cal. 976, 1280—Ga. 264—
Ill. 1058, 1227—Md. 11, 198—Mass. 532—
Mich. 600—Mo. 254—N. J. 384—
N. Y. 1483, 1587—Ohio 383, 848—
Ore. 191—Pa. 338, 1047—Tex. 666—
Wash. 716—Wis. 331—Canada 76,
417, 642

PANNIER CORP., THE
223 Pannier Bldg
Pittsburgh 12, Pa.
Ala. 119—Cal. 112—Ill. 576—
Ohio 849—Pa. 661

PANTEX MANUFACTURING CORP.
521 Roosevelt Ave., P. O. Box 660
Pawtucket, R. I.
Cal. 746, 1324—Fla. 354—Ill. 577—
Iowa 128—Ky. 57—Md. 203—
Mass. 656—Mich. 695—Mo. 194,
351—N. Y. 13, 217, 1027—N. C. 212—
Ohio 278, 1416—Pa. 273, 1033—
Tenn. 17, 154—Tex. 326, 582—Utah 96—
Wash. 90—Canada 593

PARK CHEMICAL CO.
8074 Military Ave.
Detroit 4, Mich.
Ill. 579—Mass. 383—Mich. 602,
816—Ohio 365, 851—Pa. 662

PARKER FITTINGS & HOSE DIV.
Parker-Hannifin Corp.
17325 Euclid Ave.
Cleveland 12, Ohio
(See advertisement p. 55-56)
(Hose & Hose Fittings)

Ala. 5, 155—Cal. 233, 843—Colo. 224—
Conn. 195—Fla. 119, 213, 268, 337—
Ga. 234—Ill. 207, 637, 786, 1199—
Ind. 37, 158—Iowa 99—Kan. 28—
Ky. 15, 128—Me. 27—Md. 80—
Mass. 314, 346, 567—Mich. 360, 861,
1059—Minn. 249—Mo. 532—Neb. 67—
N. J. 217—N. Y. 377, 652, 1163, 1354,
1622—N. C. 75—Ohio 46, 237, 901,

1021, 1143, 1541, 1694—Pa. 48, 1078—
Tenn. 87—Tex. 215, 605, 693—
Wash. 314—W. Va. 28, 61, 85—
Wis. 54, 249, 357—Canada 77, 206,
428, 467, 605
(Tube Fittings)
Ala. 5, 155—Cal. 203, 843, 890, 1208—
Colo. 140—Conn. 195, 478, 520—
Fla. 119, 213, 268, 337—Ga. 234—
Ill. 207, 637, 786, 1199—Ind. 37, 158—
Iowa 21, 56, 99, 164—Kan. 28, 102—
Ky. 15, 128—La. 148—Md. 80, 166—
Mass. 268, 314, 346, 567—Mich. 360,
861, 1059—Minn. 249—Mo. 262, 465,
532—Neb. 67—N. J. 186, 217—
N. M. 59—N. Y. 377, 1163, 1221, 1354,
1622—N. C. 75—Ohio 46, 237, 459,
901, 1021, 1143, 1694—Okla. 61, 137—
Ore. 154—Pa. 48, 758, 1078, 1150—
Tenn. 87, 185—Tex. 215, 262, 605,
654, 693, 818—Utah 70—Wash. 314—
W. Va. 28, 85—Wis. 54, 249, 357—
Canada 77, 206, 428, 467, 605

PARKER-HANNIFIN CORP.
See Hannifin Co.
Parker Fittings & Hose Div.
Parker Hydraulics Div.

PARKER-HARTFORD CORP., THE
650 Franklin Ave.
Hartford, Conn.
N. Y. 410

PARKER HYDRAULICS DIV.
Parker-Hannifin Corp.
17325 Euclid Ave.,
Cleveland 12, Ohio
Cal. 203, 233, 843—Ill. 555, 637—Md. 80—
Mass. 488—Mich. 360—Mo. 552—
N. J. 217—N. Y. 306, 1221—Ohio 46, 901—
Pa. 48, 1078—Wash. 319—Wis. 230—
Canada 77, 467

PARKER-KALON DIV.
General American Transportation Corp.
1 Peekay Dr.,
Clifton, N. J.
(See advertisement p. 30)
Ala. 79, 161, 209—Ariz. 9, 34, 102—
Ark. 25—Cal. 287, 394, 457, 574, 654, 683,
761, 778, 849, 1099, 1205, 1252, 1278,
1288A—Colo. 75, 90—Conn. 54, 220, 280,
331, 392, 471—D. C. 61, 104—Fla. 59, 119,
150, 213, 337—Ga. 28, 73, 193, 234—Ill. 62,
357, 438, 440, 493, 583, 607, 1164—Ind. 91,
389, 441—Iowa 21, 56, 99, 164—Kan. 78,
118—Ky. 98, 140—La. 30, 100, 192, 231—
Md. 25, 101—Mass. 51, 71, 112, 184, 230,
255, 378, 510, 538—Mich. 959, 1378—
Minn. 171, 249—Miss. 20, 29—Mo. 103,
325, 540—Neb. 53—N. H. 21—N. J. 10, 131,
222, 226, 306, 353, 434, 451, 457, 578—
N. Y. 116, 124, 306, 435, 442, 531, 684, 802,
924, 939, 942, 943, 1359, 1560—Ohio 94,
302, 516, 735, 1015, 1091, 1136, 1259, 1287,
1425, 1753—Okla. 22, 104—Ore. 42, 97,
147—Pa. 69, 178, 327, 418, 488, 744, 1101,
1191, 1285, 1354—R. I. 49—Tenn. 177—
Tex. 107, 265, 463, 637, 671, 736, 772,
791, 853—Utah 71—Va. 115—Wash. 86,
228, 331, 342, 372—Wis. 306—
Canada 51, 70, 221, 244, 302, 401, 428,
547, 605

PARKER-MAJESTIC, INC.
147 Jos. Campau Ave.,
Detroit 7, Mich.
(See advertisement p. 573)
Ariz. 101—Cal. 250, 951—Ill. 246—
Mass. 574—Mich. 182—Minn. 109—
Mo. 527—N. Y. 363, 681—Ohio 877, 1225—
Pa. 644, 1004—Canada 306, 571

PARKER RUST PROOF CO.
2177 E. Milwaukee
Detroit 11, Mich.
Cal. 820—Ill. 580—Mich. 603—Mo. 500—
N. J. 605—Ohio 852—Canada 277

PARKERSBURG-AETNA CORP.
See Aetna Ball & Roller Bearing Co.

PARSONS DIAMOND PRODUCTS, INC.
22 Grassmere Ave.,
West Hartford 10, Conn.
Ga. 52—Ind. 139—Mass. 677—N. J. 47—
N. Y. 80, 649—Tenn. 92—Vt. 18

PATHON MANUFACTURING CO.
3823 Pacific Ave.,
Cincinnati 12, Ohio
Cal. 314, 1293—Conn. 118—Ill. 317—
Ind. 445, 541—Md. 76—Mass. 500—
Mich. 474, 1314—N. Y. 652, 1531—
N. C. 81—Ohio 367, 908—Pa. 138, 643,
921—Tex. 639—Va. 127—Wash. 268—
Wis. 230—Canada 165

PATTERSON MACHINE CO. THE GEO. C.
3409 Trumbull St.,
Cleveland 15, Ohio
Cal. 254, 1265, 1413—Conn. 511—Ga. 58—
Ill. 814—Ind. 153—La. 166—Md. 31—
Mich. 796, 1203—Mo. 418—
N. Y. 277, 1126—N. C. 172—Ohio 1622—
Pa. 449, 1004—Tenn. 258—Canada 457,
500, 612

PAWTUCKET MANUFACTURING CO.
Pawtucket, R. I.
Fla. 141—N. Y. 550, 964—Pa. 704, 946—
R. I. 16, 20—Wis. 361

**PAYNE TOOL AND
ENGINEERING CO., THE**
1300-1400 W. Columbia St.,
Springfield, Ohio
Fla. 24

PEARSON, INC.
See Q. C. Engineering Products

PEASE CO., THE C. F.
2601 W. Irving Park Rd.,
Chicago 18, Ill.
(Contact manufacturer direct)

PEASLEE METAL PRODUCTS, INC.
470 Tolland St.,
East Hartford, Conn.
Cal. 719, 878, 977, 142—Conn. 377—
Ill. 542, 590, 758—Md. 165—Mass. 276—
Mich. 526—Neb. 65—N. J. 247—N. Y. 97,
879, 988, 1074, 1108, 1110—Ohio 846—
Pa. 859, 1077—Tex. 199—Canada 239

**PECK & HARVEY
MANUFACTURING CORP.**
5650 N. Western Ave.,
Chicago 45, Ill.
(Contact manufacturer direct)

PECK, STOW AND WILCOX CO., THE
217 Center St.,
Southington, Conn.
(Contact manufacturer direct)

PEDRICK TOOL & MACHINE CO.
3640 N. Lawrence St.,
Philadelphia 40, Pa.
Ill. 653—Tex. 747

PEECO DIV.
Automation Devices, Inc.
3175 Brandes St.,
Erie, Pa.
(See advertisement p. 558)
Ala. 136—Ark. 12—Cal. 1258, 1405—
Colo. 83—Conn. 9—Ill. 527—Ind. 336—
Iowa 93—Mass. 584—Mich. 764—
Minn. 191—Mo. 200, 470—N. Y. 10, 381,
507, 1542—N. C. 219—Ohio 1380, 1532,
1589—Pa. 343, 1266—Tenn. 67—
Tex. 422—Canada 228

MANUFACTURERS

PEER, INC.

1200 Milton St.,
Benton Harbor, Mich.
(Contact manufacturer direct)

PEERLESS GEAR & MACHINE CO., INC.

140-150 E. Wayne St.,
Dunkirk, Ohio
(Contact manufacturer direct)

PEERLESS MACHINE CO.

1600 Junction Ave.,
Racine, Wis.
Ala. 112, 203, 209—Ariz. 13, 104—
Ark. 24—Cal. 58, 629, 1081, 1380—
Colo. 93, 153—Conn. 464—D.C. 18—
Fla. 84, 156, 168, 304, 317—Ga. 58—
Idaho 8—Ill. 294, 1157, 1220—Ind. 96, 295,
352—Iowa 162—Kan. 127—Ky. 140—
La. 231—Md. 33—Mass. 103, 185—
Mich. 348, 715, 819, 1348—Minn. 16—
Mo. 106, 460—N.C. 123, 227, 237—
Ohio 254, 302, 946, 978, 1047, 1079, 1091,
1225, 1649, 1676—Okla. 101—Ore. 37—
Pa. 166, 798, 1097, 1308, 1334—Tenn. 105,
177, 248, 254—Tex. 194, 300, 463, 736,
833—Utah 57—Va. 112—Wash. 107—
W. Va. 3, 12—Wis. 50, 60, 139, 194

PEKAY ABRASIVES, INC.

271 Grove Ave.,
Verona, N. J.
(Contact manufacturer direct)

PELLOW MACHINE CO.

13500 Foley Ave.,
Detroit 27, Mich.
(Contact manufacturer direct)

PENCO PERFORATORS CO.

Div. of Porter Machine Co., Inc.
3139 Enyart Ave.,
Cincinnati 9, Ohio
Cal. 201—Mo. 296—Ohio 1169

PENDLETON TOOL INDUSTRIES, INC.

See Proto Tool Co.

PENINSULAR GRINDING

WHEEL DIV.
Abrasive & Metal Products Co.
729 Meldrum Ave.,
Detroit 7, Mich.
Conn. 69—Ill. 445, 586—Ind. 12, 369—
Ky. 113—Md. 83—Mich. 40, 140, 606, 967,
1365—Mo. 177—N. J. 69—N. Y. 162, 1239,
1623—Ohio 267, 864, 877, 1531—Pa. 172,
321, 665, 681, 769, 1052—Wis. 76

PENN ENGINEERING & MANUFACTURING CORP.

Box 311,
Doylestown, Pa.
Cal. 67—Ill. 908—N. Y. 61—Ohio 378—
Pa. 1222—Canada 473

PENN SCIENTIFIC PRODUCTS CO.

1000 Old York Rd.,
Abington, Pa.
Cal. 717, 914—Conn. 387, 392—Ill. 571—
Ind. 110—Md. 201—Mass. 672—
Mich. 718—N. J. 78, 580—N. Y. 350,
1688—Ohio 666—Pa. 1151, 1183, 1337—
Tex. 463, 736—Va. 66—Wash. 269—
Wis. 281

PENNIMAN CO., ELISHA

460 S. Main St.,
Elmwood 10, Conn.
(Contact manufacturer direct)

PENNROLD DIV.

See The Brush Beryllium Co.

PERENY EQUIPMENT CO.

Box 8153, Station A, Zone 1,
Columbus 12, Ohio
Cal. 953, 1435—Fla. 117—Ill. 679—
Mass. 477—Mich. 78—N. Y. 736, 1055,
1640—Ohio 1195, 1409—Pa. 114, 851—
Wash. 318—Canada 301, 527

PERKINS MACHINE CO.

Warren, Mass.
Cal. 615, 1204, 1265—Conn. 13—Fla. 23,
336—Ga. 62—Ill. 659, 807, 1031—
Ind. 267—Kan. 78—Ky. 84—Mich. 625,
1027—Minn. 109, 183—Mo. 108, 433, 545—
Neb. 32—N. J. 47—N. Y. 258, 277, 999,
1206—N. C. 219—Ohio 15, 666, 895—
Pa. 486, 650, 1123—Wash. 225, 301—
Wis. 421—Canada 139, 377, 640

PERKINS MACHINE AND GEAR CO.

(Spring Coilers)
Circuit Ave.,
West Springfield, Mass.
Cal. 606, 819—D. C. 95—Fla. 257—
Ind. 419—Mich. 714, 1203—Minn. 288—
Mo. 418—Neb. 32—N. Y. 323—Ohio 421,
1410—Pa. 578, 1004—Utah 47—Va. 112—
Wis. 231

PERKINS MACHINE & GEAR CO.

(Gears)
D. C. 95—Fla. 257—N. Y. 323—
Ohio 309, 522

PERMATTACH DIAMOND TOOL CO.

Div. of Hitchiner Manufacturing Co.
10 Middle St.,
Milford, N. H.
Ill. 230—Md. 33—Mass. 548—Pa. 1151

PETCH MANUFACTURING CO.

463 York St.,
Detroit 2, Mich.
Cal. 860—Conn. 478—Ill. 593—Ind. 475—
Md. 188—Mich. 947, 1314, 1381—N. Y. 365,
1221—N. C. 84—Ohio 746, 1638—Pa. 2,
1049—S. C. 8—Wash. 320—Wis. 176—
Canada 467, 511, 633

PETERSON STEELS, INC.

Springfield Rd.,
Union, N. J.
(Contact manufacturer direct)

PETZ-EMERY, INC.

Pleasant Valley, N. Y.
Cal. 274, 965—Conn. 431—Ga. 81—
Ill. 866—Ind. 312—Mass. 388—Mich. 431—
Minn. 180—Mo. 527—N. J. 587—N. Y. 661,
724, 1300—N. C. 114—Ohio 969, 1347—
Pa. 148—Tex. 549, 741—Utah 81—
Wash. 107—Canada 446

PHEOLL MANUFACTURING CO.

5700 Roosevelt Rd.,
Chicago 50, Ill.
Cal. 221, 1326A—Colo. 88—Conn. 427A—
Ga. 124A—Mich. 611A—Minn. 192—
Tex. 328—Wash. 224

PHILADELPHIA GEAR CORP.

3600 "G" St.,
Philadelphia 34, Pa.
(Contact manufacturer direct)

PHILLIPS MANUFACTURING CO.

3475 Touhy Ave.,
Chicago 45, Ill.
Ala. 143—Cal. 956, 1359—Colo. 38—
Conn. 3—Fla. 22—Ga. 75—Mich. 596,
983—Minn. 297—Mo. 103, 554—N. J. 606—
N. Y. 227, 565—Ohio 230, 1034, 1574—
Ore. 45—Pa. 322, 884—R. I. 69—S. C. 12—
Tenn. 197, 586—Utah 83—Wis. 347

PINES ENGINEERING CO., INC.

601 Walnut St.,
Aurora, Ill.
Cal. 747, 1207—Conn. 487—D.C. 30—
Fla. 172—Iowa 67, 102, 177—Mass. 171—
Mich. 728, 1018—Mo. 183, 476—N. Y. 334,
1062, 1598—N. C. 58—Ohio 62, 1680—
Pa. 51, 995—Tex. 273—Wash. 117—
Wis. 393—Canada 29, 83, 123, 176, 439,
505, 612, 648

PIONEER ALUMINUM, INC.

5251 W. Imperial Hwy.,
Los Angeles 45, Cal.
(See advertisement p. 320)
(Contact manufacturer direct)

PIONEER BROACH CO.

6434 E. Telegraph Rd.,
Los Angeles 22, Cal.
Ariz. 88—Cal. 1377—Conn. 131—Kan. 98—
Minn. 243—N. Y. 291—N. C. 219—
Ohio 1408—Okla. 104—Tex. 477—
Wash. 249

PIONEER-CENTRAL DIV.

Sendix Aviation Corp.
2716 Hickory Grove Rd.,
Davenport, Iowa
(Contact manufacturer direct)

PIONEER ENGINEERING & MANUFACTURING CO.

Wettlaufer Engineering Corp.
19669 John R. St.,
Detroit 3, Mich.

PIONEER PUMP DIV.

Detroit Harvester Co.
21800 Greenfield Rd.,
Oak Park 37, Mich.
Cal. 520—Colo. 155—Ill. 536—Ind. 171—
Mass. 435—Minn. 93—Mo. 106—
N. J. 393—Ohio 228, 1015—Pa. 607, 1302—
Tenn. 34—Va. 67—W. Va. 32—Wis. 366—
Canada 478, 518, 640

PIPE MACHINERY CO., THE

29100 Lakeland Blvd.,
Wickliffe, Ohio
(See advertisement p. 41)
Cal. 1458—Conn. 129—Iowa 22—Md. 78—
Mass. 395—Mich. 296, 817—Mo. 323—
N. Y. 1282—Ohio 1347, 1597—Okla. 151—
Ore. 108—Pa. 887—Tex. 319, 747—
Wash. 284—Canada 633

PITTSBURGH PLATE GLASS CO.

Brush Div.
3221 Frederick Ave.,
Baltimore 29, Md.
(Contact manufacturer direct)

PITTSBURGH TOOL STEEL WIRE DIV.

Vanadium-Alloys Steel Co.
1535 Beaver Ave.,
Monaca, Pa.
(Contact manufacturer direct)

PLANET CORP.

1800 Sunset Ave.,
Lansing, Mich.
(Contact manufacturer direct)

PLEW TOOL CORP.

Columbia City, Ind.
(Contact manufacturer direct)

PLUNKETT MACHINE CO., J. E.

3230-32 Archer Ave.,
Chicago 8, Ill.
Ark. 6—Cal. 606—Ill. 357—Iowa 99—
La. 184—Mass. 646—Mich. 956, 1203,
1214—Minn. 216—N. Y. 836—R. I. 74—
Tex. 463—Utah 65—Wash. 274

MANUFACTURERS

PODLIN TOOL CO.

11911 Franklin Ave.,
Franklin Park, Ill.
Cal. 569, 606—D. C. 92—Fla. 182—Ill. 15,
141, 502, 509, 912—Ind. 426—La. 184—
Mich. 920, 1169—N. J. 47, 222, 277, 574—
N. Y. 608, 1086, 1148—Pa. 1299—R. I. 49—
S. C. 24—Tenn. 34—Tex. 733, 833—Va. 28,
88—Wis. 89

POLYMER CORP., THE

2120 Fairmont Ave.,
Reading, Pa.
Cal. 379, 1057, 1147—Colo. 163—
Conn. 25—Ill. 594—Mass. 429—
Mich. 280—Minn. 83—Mo. 516—
N. J. 614—N. M. 45—N. Y. 1033, 1271—
N. C. 161—Ohio 372, 1404—Pa. 360, 1188—
Tex. 412, 485—Wash. 42—Canada 9, 20,
89, 420, 598

POPE MACHINERY CORP.

261 River St.,
Haverhill, Mass.
Ala. 112—Cal. 434—Colo. 142—Ill. 308—
Ind. 259, 535—Mich. 309—Minn. 183—
Mo. 527—N. Y. 1611—Ohio 472, 1315,
1410—Ore. 37—Pa. 1317—Tex. 314, 733—
Wis. 442

PORTAGE MACHINE CO.

1025 Sweetzer Ave.,
Akron 11, Ohio
Ala. 112, 203—Ariz. 78—Cal. 704, 1265—
Colo. 105—Fla. 263—Ga. 242—Ill. 320—
Ind. 24, 227—Ky. 84—La. 98, 198—
Mass. 608—Mich. 625—Minn. 312—
Mo. 27, 136, 460—N. M. 25—N. Y. 315, 655,
1395—N. C. 172—Ohio 24, 648, 1225,
1649—Okla. 132—Ore. 37—Pa. 484, 1100,
1133—Tenn. 33, 254—Tex. 463, 510, 717—
Utah 84—Wash. 301—Wis. 204—
Canada 49, 182, 311, 492, 532

PORTAGE TOOL CO., THE

2675 Wingate Ave.,
Akron 14, Ohio
Cal. 76—Ill. 888—Mo. 518—N. Y. 759—
Ohio 361—Tenn. 422

PORTER CO., INC.

Vulcan Kidd Steel Div.
Alliquippa, Pa.
(Contact manufacturer direct)

PORTER-CABLE MACHINE CO.

700 Marcellus St.,
Syracuse 4, N. Y.
Cal. 667—Fla. 197—Ga. 189—Ill. 597—
Mass. 221—Mich. 619—Mo. 197—
N. J. 387—N. Y. 601—Ohio 868—Pa. 677—
Tex. 280—Canada 241, 600

PORTER, INC., H. K.

74 Foley St.,
Somerville 43, Mass.
(See advertisement p. 594)
Cal. 1122—Colo. 222—Ill. 839—Ind. 170—
Mass. 475—Mo. 155—N. Y. 966, 1673—
Ohio 1362—Pa. 1310—Tex. 99—Va. 119—
Wash. 199—Canada 126

PORTER INC., H. K.

See Also Disston Div.

PORTER MACHINE CO., INC.

See Pemco Perforators Co.

PORTER MACHINERY CO., BURKE E.

730 Plymouth Rd. N. E.,
Grand Rapids 5, Mich.
(Contact manufacturer direct)

PORTER-McLEOD MACHINE

TOOL CO., INC.
Prospect St.,
Hatfield, Mass.
(Contact manufacturer direct)

PORTER PRECISION PRODUCTS

Glendale-Millford Rd., P.O. Box 208,
Cincinnati 15, Ohio
Ala. 64—Ariz. 33—Cal. 39, 96—Colo. 59—
Conn. 4, 501—D. C. 64—Ga. 42—Ill. 593—
Ind. 48, 70, 141, 531—Iowa 25, 72, 109—
Kan. 74—Ky. 117—Md. 224—Mass. 418,
620—Mich. 839, 1329—Minn. 243, 267—
Mo. 148, 295—N. J. 277—N. Y. 91, 401,
1320—Ohio 259, 740, 1100, 1598—
Pa. 1087—Tenn. 203—Tex. 246—
Wash. 54—W. Va. 51—Wis. 241—
Canada 515

PORT HURON MACHINE

PRODUCTS CO.
18050 Ryan Rd.,
Detroit 34, Mich.
Mich. 1260

PORTMAN INSTRUMENT CO., INC.

41 MacQuesten Parkway, N.,
Mount Vernon, N. Y.
Ariz. 88—Cal. 46, 763, 819—Conn. 53,
175, 190, 327, 384—Ill. 398, 1031, 1172—
Ind. 82—Mass. 610—Mich. 182—
Minn. 183—N. J. 47, 395, 624—N. Y. 999,
1282—Ohio 421, 891—Pa. 169, 449, 1123—
R. I. 74—Tenn. 34—Tex. 317—Wis. 437—
Canada 477

PORTOMAG CO.

1511 E. Nine Mile Rd.,
Ferndale 20, Mich.
(Contact manufacturer direct)

POSITIVE SAFETY

MANUFACTURING CO., THE
4408 Perkins Ave.,
Cleveland 3, Ohio
(Contact manufacturer direct)

POTTER & BRUMFIELD, INC.

Subsidiary of American
Machine & Foundry Co.
Princeton, Ind.
Ariz. 115—Cal. 826, 1078, 1410—Colo. 32—
Conn. 76—Fla. 305—Ga. 56—Ill. 142,
687—Ind. 454—La. 150—Mass. 251—
Mich. 420, 934—Minn. 256—Mo. 216,
401—N. H. 11—N. J. 50—N. Y. 9, 281, 404,
619—N. C. 32, 254—Ohio 455, 915, 1344—
Okla. 88—Pa. 1090, 1172—Tenn. 129—
Tex. 200—Utah 19—Va. 2—Wash. 142—
Wis. 172—Canada 42, 129, 296, 526

POTTER & JOHNSTON CO.

1027 Newport Ave.,
Pawtucket, R. I.
Ala. 124—Cal. 670, 1294—Conn. 486—
Fla. 129—Ill. 601—Mass. 261—Mich. 620—
Mo. 504—N. J. 251—N. Y. 467, 1374, 1589,
1639—N. C. 109—Ohio 375, 870—Pa. 680,
1064—Tex. 673—Wis. 340—Canada 219,
467, 511, 633

POTTSTOWN MACHINE CO.

Rohland and Center Ave.,
Pottstown, Pa.
(Contact manufacturer direct)

PRACTICAL MFG. CO.

2840 Fourth Ave., South,
Minneapolis 8, Minn.
Cal. 590, 1233—Colo. 29—Ill. 427—
Iowa 129—Minn. 29—Mo. 100—
N. Y. 947—Ore. 116—Tex. 307—
Wash. 175—Wis. 373—Canada 407

PRATT & WHITNEY CO., INC.

Charter Oak Blvd.,
West Hartford 1, Conn.
Ala. 124—Cal. 670, 1294—Colo. 165—
Conn. 486—Fla. 129—Ill. 601—
Mass. 161A—Mich. 620—Mo. 504—
N. J. 251—N. Y. 467, 1374, 1589, 1639—
N. C. 109—Ohio 375, 870—Ore. 119—
Pa. 680, 1064—Tex. 314, 733—Wash. 241—
Wis. 340—Canada 171, 467

PRATT & WHITNEY CO., INC.

See Also Jaquith Carbide Div.

PREBCO BUSHING CO.

14702 E. Arrow Hwy.,
Baldwin Park, Cal.
Ariz. 112—Cal. 34, 346—Mich. 431—
N. Y. 689

PRECISE PRODUCTS CORP.

3715 Blue River Rd.,
Racine, Wis.
Cal. 1528—Colo. 161—Conn. 131—
Ga. 148—Md. 201—Mo. 232—N. J. 626—
N. Y. 510—Ohio 212—Tex. 720—
Wash. 146—Canada 476

PRECISION CARBIDE CO.

292 Belmont Ave.,
Paterson 2, N. J.
Colo. 83—N. Y. 1579—Tex. 808

PRECISION DETROIT CO., INC.

20100 Sherwood,
Detroit 34, Mich.
Cal. 77, 302, 910—Ill. 628—Ky. 129—
Minn. 288—Ohio 118, 462, 1725

PRECISION DIAMOND TOOL CO.

P.O. Box 274,
Elgin, Ill.
Cal. 1205, 1345—D. C. 89—Fla. 240—
Ill. 1189, 1200—Ind. 48, 582—Iowa 11,
166—Kan. 10, 125—Ky. 142—La. 123—
Mich. 688, 1354—Minn. 86—Mo. 323—
Neb. 32—N. Y. 311—Ohio 209, 484, 1237—
Okla. 41, 111—Tenn. 280—Tex. 289, 640—
Wis. 433

PRECISION GRINDING WHEEL CO., INC.

8301 Torresdale Ave.,
Philadelphia 36, Pa.
Ala. 125—Cal. 671—Ill. 1285—Mich. 621—
N. Y. 322—Ohio 871—Pa. 1065—Tex. 453,
674—Wis. 341

PRECISION NUT CO.

2567 Beaufort,
Detroit 7, Mich.
Ind. 519—N. J. 248—N. Y. 1721

PRECISION PROCESSING CO.

3269 Casitas Ave.,
Los Angeles 39, Cal.
(Contact manufacturer direct)

PRECISION PROCESSING CO.

See Also A-K Tool Co.

PRECISION RUBBER PRODUCTS CORP.

3110 Oakridge Or.,
Dayton 17, Ohio
Cal. 64, 948, 1048—Colo. 121—Fla. 252—
Ga. 101—Ill. 603—Kan. 36—La. 125—
Md. 81—Mich. 530—Minn. 31—Mo. 507—
N. J. 188—N. M. 36—N. Y. 365, 1402—
N. C. 187—Ohio 872—Okla. 71—Pa. 545,
1092—Tex. 399, 413, 710—Utah 56—
Wash. 37—Wis. 259

PRECISION TOOL &
MANUFACTURING CO.

1305 S. Laramie Ave.,
Cicero 50, Ill.
Ala. 110—Cal. 606, 1038, 1092, 1432, 1528—

MANUFACTURERS

PRECISION TOOL &

MANUFACTURING CO. (cont.)

Conn. 121—Fla. 43, 336—Ga. 26, 207—
Ill. 15, 94, 153, 441, 1075, 1158—Kan. 15—
Md. 130—Mass. 103, 353—Mich. 625,
1281—Minn. 69, 189—Mo. 27—N. H. 26—
N. J. 374—N. Y. 342, 1490—N. C. 106—
Ohio 279, 877, 927, 1243—Pa. 279, 1123—
Tenn. 165—Tex. 109, 314, 736—Utah 26—
Wash. 150—Wis. 241—Canada 460, 571

PRECISION TRUING TOOL &

MANUFACTURING CO., INC.

13 E. 16th St.,
Covington, Ky.
Cal. 304—Ill. 714, 844—Ky. 109—
Mich. 572—N. J. 304—Canada 449

PRECISION TWIST DRILL &

MACHINE CO.

10 Woodstock St.,
Crystal Lake, Ill.
Colo. 38—Fla. 16, 75, 83—Ga. 122, 313—
Ill. 505, 1270—Ind. 536—Kan. 25—La. 76—
Md. 94—Mich. 534—Minn. 214—N. J. 44,
466, 518—Ohio 1341, 1394—S. C. 52—
Va. 20, 40—Wash. 118—Wis. 394

PRECISION WELDER &

FLEXOPRESS CORP.

3520 Ibsen Ave.,
Cincinnati 9, Ohio
Ga. 167—Ill. 1083—Ind. 218—Iowa 116—
Mass. 31—Mich. 90—Mo. 360—
N. Y. 1541—Ohio 344, 605, 1295—Pa. 1139,
1197—Wis. 279—Canada 467

PREIS ENGRAVING MACHINE CO., H. P.

651 U. S. Highway #22,
Hillsdale 5, N. J.
Cal. 753, 951, 1469—Colo. 83, 210—
Conn. 494—Fla. 90—Ky. 84—Minn. 288—
Mo. 323—Ohio 15, 1225—Va. 28

PRICE CORP., D. W.

11161 W. Pico Blvd.,
Los Angeles 64, Cal.
Ga. 29—Ill. 634—Md. 139—Minn. 206—
N. Y. 737—Ohio 246—Okla. 50—Tex. 411,
653—Wash. 51—Canada 394

PRICE & RUTZBECK

P.O. Box 30,
Hayward, Cal.
Cal. 1460—Ill. 631—Mass. 609—
Mich. 811—N. J. 163—N. C. 89—
Ohio 1547—Okla. 21—Pa. 159

PROCUNIER SAFETY CHUCK CO.

16-20 S. Clinton St.,
Chicago 6, Ill.
Cal. 358, 1198—Colo. 83—Conn. 148—
Ga. 122—Ill. 604—Ind. 180—Kan. 45—
Mass. 608—Mich. 827—Minn. 257, 527—
N. J. 518—N. Y. 1376—Ohio 1242, 1401,
1687—Pa. 644—R. I. 74—Tex. 99—
Utah 81—Wash. 191—Wis. 256—
Canada 279

PRODUCTION DEVICES, INC.

300 Davis St.,
Whitehall, N. Y.
Cal. 76, 1377—Conn. 54, 212, 258, 271,
437—Ga. 219—Ill. 245, 1259—Ind. 464—
Kan. 121—Md. 25—Mass. 229, 243, 510,
620, 649—Mich. 135, 616—Minn. 273—
Mo. 243—Neb. 32—N. J. 263—N. Y. 125,
306, 1582—N. C. 270—Ohio 445, 946, 1015—
Okla. 111—Pa. 640, 1149—Tenn. 148—
Tex. 150, 517, 736—Vt. 17—Wis. 368, 402—
Canada 542

PRODUCTION FEEDER CORP.

3130 Johnnycake Ridge Rd.,
Mentor, Ohio
Conn. 494—Ill. 568—Ind. 364—Mich. 828,
1027—Minn. 288—Mo. 501—N. H. 27—

N. Y. 500, 1602—Pa. 148—Wis. 370—
Canada 571

PRODUCTION MACHINE CO.

311 Wells St.,
Greenfield, Mass.
Ala. 112, 203—Cal. 505, 1070, 1469—
Colo. 105—Fla. 90, 104, 172, 280, 345—
Ill. 302, 308, 375, 450—Ind. 95, 295, 359,
441—Iowa 162—Kan. 98—Ky. 75, 98—
La. 100—Mich. 714, 843, 983—Minn. 229—
Mo. 166, 355—Neb. 32—N. J. 175, 243—
N. Y. 306, 1623—N. C. 7, 134, 191—
Ohio 346, 819, 1282—Okla. 128—Ore. 108—
Pa. 510, 1020—S. C. 58, 24—Tenn. 105,
163—Tex. 214, 685—Va. 50, 120, 145—
Wash. 76—Canada 85, 289, 478, 519, 640,
651

PRODUCTIVE TOOL SERVICE, INC.

P. O. Box 2691,
Cleveland 7, Ohio
Ariz. 72—Ill. 94, 663—Ind. 48, 221—
Mich. 261—Mo. 355—N. J. 44—N. Y. 620—
N. C. 183—Ohio 428, 690, 1044—Okla. 30,
131, 138—Pa. 596—Tex. 339

PRODUCTO MACHINE CO.

930 Housatonic Ave.,
Bridgeport 1, Conn.
(See advertisement p. 67)
Ala. 123—Cal. 562, 600, 1044, 1224—
Colo. 92—Conn. 98—D. C. 30—Fla. 168,
326, 343—Ga. 219—Ill. 308—Ind. 282, 427,
535—Kan. 77—Ky. 63—La. 192—
Mass. 439—Mich. 120, 624, 1129, 1316—
Minn. 312—Mo. 66, 568—N. Y. 315, 1038,
1348, 1377, 1563—N. C. 172—Ohio 879,
1296, 1587—Okla. 30, 131—Ore. 108—
Pa. 683, 761, 798—R. I. 44—Tenn. 177,
269—Tex. 169, 319, 686—Wash. 108—
Canada 418, 502, 504, 643

PRODUCTS ENGINEERING &

MANUFACTURING CO.

420 Dwight St.,
Holyoke, Mass.
(Contact manufacturer direct)

PROSSER & SON, THOMAS

Felter Building,
Tenafly, N. J.
(Contact manufacturer direct)

PROTO TOOL CO.

Div. of Pendleton Tool Industries, Inc.
2209 Santa Fe Ave.,
Los Angeles 54, Cal.
Cal. 642—Ga. 164—Ill. 1236A—Mich. 478—
Pa. 160—Tex. 295

PROVIDENCE TOOL CO., INC.

189 Charles St.,
Providence 4, R. I.
Ind. 423—N. Y. 581—Ohio 371, 1353—
Pa. 82, 326, 596, 640—Wis. 68

PRUTTON CORP.

5295 W. 130th St.,
Cleveland, Ohio
(Contact manufacturer direct)

PUNCH PRODUCTS CORP.

3900 Highland Ave.,
Niagara Falls, N. Y.
(See advertisement p. 577)
Cal. 254, 1265—Colo. 83—Conn. 242—
Fla. 173—Ga. 42—Ill. 185—Ky. 134—
Mich. 1122—Minn. 171, 291—Mo. 251—
N. Y. 1484—N. C. 158—Ohio 1052—
Pa. 1004, 1317—Tenn. 163—Tex. 654—
Wash. 138—Wis. 127—Canada 186

PUROLATOR PRODUCTS, INC.

970 New Brunswick Ave.,
Rathway, N. J.
Cal. 676, 677, 1136—Conn. 118—D. C. 73—
Ga. 7—Ill. 608—Ind. 244—Mass. 500—
Mich. 147, 1380—N. Y. 705, 1594—
Ohio 384, 954—Okla. 86—Pa. 711, 880—
Wash. 224—Wis. 372—Canada 426A

PUTNAM TOOL CO.

2981 Charlevoix Ave.,
Detroit 7, Mich.
(Contact manufacturer direct)

PYROMETER INSTRUMENT CO., INC.

92 Portland Ave.,
Bergenfield, N. J.
(Contact manufacturer direct)

— Q —

Q. C. ENGINEERING PRODUCTS

Div. Pearson, Inc.
P.O. Box 446,
Roscommon, Mich.
(Contact manufacturer direct)

QUACKENBUSH CO., A. B.

4216 San Fernando Rd.,
Glendale 4, Cal.
(See advertisement p. 57)
Ariz. 24—Cal. 286, 1239—Ill. 445—
Kan. 98—Mich. 615—Miss. 39, 152—
N. Y. 775—Tex. 28—Wash. 222—Wis. 266

QUALITY TOOL WORKS, INC.

760 S. Market St.,
Waukegan, Ill.
Conn. 370—Ill. 852, 1205—Ind. 48, 141,
180, 505, 518—Minn. 260—Mo. 567—
Ohio 1172, 1445, 1654—Tenn. 106—
Wis. 241

QUEEN CITY MACHINE TOOL CO.

3900 Kellogg Ave.,
Cincinnati 26, Ohio
Ala. 135—Ark. 25—Cal. 214, 599, 753,
1070—Fla. 56—Ga. 58—Ill. 136, 1144—
Ind. 277, 606—Iowa 162—La. 166, 224—
Mass. 212, 233—Mich. 426—Mo. 460—
Neb. 16—N. J. 63, 376—N. Y. 1309—
Ohio 1128, 1225, 1358—Okla. 22—Ore. 63,
190—Pa. 703, 907—Tenn. 34—Tex. 10, 214,
747, 789—Va. 16, 28, 112—Wash. 143—
Wis. 139, 231—Canada 377, 620

QUEENS TOOL MANUFACTURING

CO., INC.
15 Front St.,
Rockville Centre, L. I., N. Y.
(Contact manufacturer direct)

— R —

R. B. TOOL CO., INC.

17 Roff Ave.,
Palisades Park, N. J.
Ariz. 108—Cal. 672, 878—Conn. 494—
Fla. 182, 336—Ill. 671, 1075—Ind. 219,
582—Iowa 100—Mass. 301, 541—
Minn. 189—Mo. 27, 94—N. Y. 1068, 1677—
Ohio 279, 666, 1141, 1243, 1667—Pa. 751,
979—Tenn. 84—Va. 66—Wash. 159—
Wis. 89

RCA INDUSTRIAL & MACHINE

TOOL OPERATIONS
12605 Arnold,
Detroit 39, Mich.
(See advertisement p. 569)
Cal. 856—Conn. 497—Ill. 866—Ind. 378—
Mich. 627, 1164—Minn. 180—N. J. 388—
N. Y. 1255—Ohio 1347

R AND L TOOLS

1825 Bristol St.
Philadelphia 40, Pa.
(Contact manufacturer direct)

RACINE HYDRAULICS & MACHINERY, INC.

2000 Albert St.,
Racine, Wis.
Ala. 9—Cal. 203, 340—Colo. 121—
Conn. 482—Ill. 799—La. 175—Mich. 626—
Mo. 476—N. J. 385—N. Y. 364, 379—
Ohio 815—Ore. 104—Pa. 152—Tenn. 42,
148—Tex. 605—Va. 108—Wis. 217—
Canada 91, 467

RADIO CORP. OF AMERICA

12605 Arnold Ave.,
Detroit, Mich.
(Contact manufacturer direct)

RAFTER MACHINE CO., INC.

259 Stephens St.,
Belleville 9, N. J.
(Contact manufacturer direct)

RAHN GRANITE SURFACE PLATE CO.

641 N. Western Ave.,
Dayton 7, Ohio
Cal. 46, 1362—Colo. 38—Ill. 688—
Ind. 126—Kan. 93—Mass. 455—Mich. 846,
914—Minn. 189—Mo. 233, 527—N. Y. 643,
1229—N. C. 261—Ohio 581, 1285, 1572—
Pa. 183, 447, 920—Tenn. 124—Tex. 314—
Wis. 437—Canada 155, 529

RAMPE MANUFACTURING CO.

14915 Woodworth Ave.,
Cleveland 10, Ohio
(Contact manufacturer direct)

RANDALL CO. INC., FRANK E.

248 Ash St.,
Waltham 54, Mass.
(Contact manufacturer direct)

RAPIDS-STANDARD CO., INC., THE

Rapistan Bldg.,
Grand Rapids 2, Mich.
Ala. 76—Ariz. 17, 58—Ark. 18—Cal. 396,
1295—Colo. 150—Conn. 469—Fla. 77, 162,
243, 308—Ga. 130—Ill. 616, 1111—
Iowa 86—Ky. 78—La. 205—Mass. 286,
507, 596—Mich. 629—Minn. 82—Mo. 156,
482—Neb. 44—N. Y. 7, 1521—Ohio 269,
882, 1063, 1620—Ore. 6, 33—Pa. 795—
Tenn. 6, 172, 228—Tex. 191, 252, 388, 432,
627—Utah 5—Va. 17—Wash. 35, 326, 369,
387

RAYBESTOS-MANHATTAN, INC.

Manhattan Rubber Div.
61 Willett St.,
Passaic, N. J.
(Contact manufacturer direct)

RAYFLEX CO., INC.

1061 Howard Ave.,
Bridgeport 5, Conn.
(Contact manufacturer direct)

RAYMAC DIV.

See Dexco Corp.

RAYMOND CORP., THE

182 Madison Ave.,
Greene, N. Y.
Ala. 36—Ariz. 16—Ark. 16—Cal. 363,
1295—Colo. 150—Conn. 422—D. C. 98—

Fla. 320—Ga. 180—Ill. 528, 1086—
Ind. 225—Iowa 32, 104—Ky. 54—La. 48—
Mass. 59—Mich. 312, 865, 942—
Minn. 172—Mo. 131, 478—N. Y. 255, 563,
820, 1487, 1591, 1655—N. C. 25—Ohio 213,
692, 1057, 1209, 1579—Okla. 135—Ore. 33—
Pa. 312, 968, 1180, 1196—Tenn. 21, 60, 77,
164, 228—Tex. 137, 394, 532—Utah 5—
Wash. 35, 326, 388—W. Va. 63—Wis. 392—
Canada 114, 238, 391, 579

RAYMOND MANUFACTURING DIV.

Associated Spring Corp.
226 S. Center St.,
Corry, Pa.
Cal. 192, 1368—Conn. 63, 273—Ind. 403—
Ky. 117—Mich. 624, 700—N. Y. 1038—
Ohio 72, 519, 1179, 1296—Pa. 73, 404—
R. I. 75—Wis. 125

READING CRANE & HOIST CORP.

2100 Adams St.,
Reading, Pa.
Ala. 28—Ill. 379—N. Y. 940—Pa. 1086—
R. I. 50—Tex. 688

READING MACHINE CO., THE

Section Rd. & Penna. R. R.,
Cincinnati 37, Ohio
(Contact manufacturer direct)

READY TOOL CO., THE

150 Garfield Ave.,
Stratford, Conn.
(See advertisement p. 138)
Ala. 112—Ariz. 33—Ark. 26—Cal. 581,
1345—Colo. 59—Conn. 189, 325—
D. C. 20—Fla. 71, 172, 248, 285—Ga. 181,
303, 337—Ill. 862—Kan. 100—La. 192—
Mass. 240—Mich. 714, 1145—Miss. 14—
Mo. 167, 454—N. Y. 27, 357, 442, 734,
1611—N. C. 137, 186, 227—Ohio 212, 446,
957, 1128, 1217—Pa. 575, 840—R. I. 17—
S. C. 23—Tenn. 148—Tex. 372—
Utah 100—Wash. 165—Wis. 169—
Canada 491

RED SEAL METALS CO.

10035 Burtis St.,
South Gate, Calif.
(Contact manufacturer direct)

REDMER AIR DEVICES, INC.

Box 247,
Guntersville, Ala.
(Contact manufacturer direct)

REED-PRENTICE DIV.

Package Machinery Co.
300 Chestnut St.,
East Longmeadow, Mass.
Cal. 681—Ga. 207—Ill. 617—Mich. 133—
Mo. 201—N. Y. 1045, 1209—Ohio 1299—
Canada 312

REED ROLLED THREAD DIE CO.

791 Main St.,
Holden, Mass.
Cal. 106—Colo. 83—Ill. 666—Ind. 207—
Mass. 342—Mich. 388—Mo. 420—
N. J. 141—N. Y. 334, 868, 1598—
Ohio 883—Pa. 664, 1051—Tex. 30, 676—
Wis. 424—Canada 85, 124, 440, 506, 613

REED ROLLER BIT CO.

See Cleco Div.

REEVES-PULLEY CO.

Div. of Reliance Electric & Engineering
1225 Seventh St.,
Columbus, Ind.
Ala. 129—Cal. 92, 682, 1018—Conn. 303—
Fla. 106—Ga. 195—Ill. 618, 1197—Ind. 123,

457—Ky. 66—La. 147—Md. 33—
Mass. 419—Mich. 47—Minn. 199—Mo. 72,
304—N. J. 128—N. Y. 321, 1046, 1371,
1588—N. C. 112—Ohio 467, 884, 1155,
1657—Ore. 165—Pa. 691, 959—S. C. 55—
Tenn. 80, 160—Tex. 178, 576—Utah 86—
Va. 127—Wash. 263, 359—Wis. 15, 333—
Canada 429

REHNBERG-JACOBSON

MANUFACTURING CO.
2135 Kishwaukee St.,
Rockford, Ill.
Cal. 266—Conn. 493—Ill. 246—Mass. 536—
Mich. 248, 925—Minn. 86—N. J. 144—
N. Y. 1284, 1623—N. C. 26—Ohio 383, 476,
1629—Pa. 747—Tex. 30, 676—Wash. 301—
Canada 440

REICHOLD CHEMICALS, INC.

525 N. Broadway,
White Plains, N. Y.
Ala. 223—Cal. 25, 1483—Colo. 172—
Fla. 109, 220—Ill. 2—Kan. 22—Ky. 105—
La. 161—Mass. 24—Mich. 634—
Minn. 278—Mo. 508—N. J. 129—
N. Y. 1592—N. C. 113—Ohio 80, 885—
Pa. 692, 1070—S. C. 64—Tex. 286, 680—
Wash. 243, 378—Wis. 348

REID TOOL SUPPLY CO.

332 W. Delano Ave.,
Muskegon Heights, Mich.
Cal. 777

REIFF & NESTOR CO.

Lykens, Pa.
(Contact manufacturer direct)

RELIANCE ELECTRIC AND ENGINEERING CO.

Master Electric Co. Div.
24701 Euclid Ave.,
Cleveland 17, Ohio
Ala. 129—Ariz. 48—Cal. 684, 1017—
Colo. 169—D. C. 75—Fla. 110—Ga. 196—
Idaho 16—Ill. 620, 1009, 1198—Ind. 124,
372—La. 138, 162—Me. 12—Md. 126—
Mass. 262, 593—Mich. 47, 1004, 1008,
1326—Minn. 200—Mo. 179, 204, 511—
Neb. 56—N. J. 130—N. M. 12—N. Y. 326,
1047, 1380, 1593—N. C. 115—Ohio 386, 887,
1156, 1301, 1659, 1750—Okla. 120—
Ore. 165—Pa. 75, 1071, 1286—S. C. 56—
Tenn. 196—Tex. 288, 382, 576, 681—
Utah 86—Wash. 263, 359—W. Va. 30—
Wis. 16, 349

REM SALES, INC.

a subsidiary of The Robert E. Morris Co.
P.O. Box 41,
West Hartford 7, Conn.
Ill. 882—N. J. 425

REMINGTON ARMS CO., INC.

939 Barnum Ave.,
Bridgeport 2, Conn.
Ariz. 61—Cal. 60, 637, 1299, 1416—
Conn. 38, 114, 321—Fla. 111, 223, 273—
Ga. 296—Ill. 621, 1025—Ky. 31—Mass. 165,
337, 349—Minn. 78, 160, 201—Mo. 315,
512—N. J. 446, 490—N. Y. 154, 1048—
N. C. 183, 246—Ohio 85, 521, 888, 1376,
1400—Ore. 188—Pa. 236, 502, 667, 773,
1072, 1160—Tenn. 176, 197—Tex. 290, 318,
518—Utah 77—Canada 406, 430

REN PLASTICS, INC.

5422 S. Cedar St.,
Lansing 9, Mich.
Mich. 1, 636—Mo. 17—Wis. 65

RENEWAL SERVICE, INC.

2700 N. 17th St.,
Philadelphia 32, Pa.
(Contact manufacturer direct)

MANUFACTURERS

REPUBLIC GAGE CO.

222 Fenkell Ave.,
Detroit 38, Mich.
Cal. 145—Conn. 488—Fla. 304—
Ga. 108—Ill. 433, 666—Ind. 60, 240, 491,
578, 591—Iowa 118—Kan. 100—Md. 33—
Mass. 316, 680—Mich. 66, 431, 1124, 1198—
Minn. 290—Mo. 167, 454—N. J. 433—
N. Y. 176, 1240, 1245—Ohio 259, 675,
1654—Pa. 156, 522—Wash. 54—Wis. 332—
Canada 177

REPUBLIC STEEL CORP.

Republic Bldg.,
Cleveland 1, Ohio
Ala. 131—Cal. 686—Colo. 174—D. C. 76—
Ill. 623—Iowa 373—Mass. 166—
Mich. 638—Mo. 513—N. Y. 327, 1049—
Ohio 387, 1706—Okla. 148—Pa. 694,
1073—Tex. 682

RESEARCH MACHINE & TOOL CO., INC.

11 Penobscot St.,
Clifton, N. J.
(Contact manufacturer direct)

RESISTOFLEX CORP.

Woodland Rd.,
Roseland, N. J.
Cal. 82—D. C. 77—Fla. 221—Ill. 624—
Mo. 205—N. J. 191, 510—N. Y. 391—
Ohio 892, 1962—Pa. 112—Tex. 291—
Wash. 244—Canada 432

RESKA SPLINE PRODUCTS CO.

27225 Easy St.,
Warren, Mich.
Ariz. 33—Cal. 1362—Ill. 41—Ind. 495—
Mass. 671—Mich. 851—Minn. 288—
Mo. 186, 527—N. J. 596—N. C. 26—
Ohio 206, 839, 1652—Okla. 151—Pa. 316,
1240—Wash. 258—Wis. 203—Canada 155

RETCO MANUFACTURING & SALES

1458 E. Clinton,
Frankfort, Ind.
Cal. 286, 424, 1063—Colo. 83—Fla. 182,
280—Ga. 58—Ill. 205, 242, 410—Ky. 7—
La. 30—Mass. 289, 344, 413—Mich. 625,
898, 1169—Minn. 61, 113, 275, 288—
Mo. 106, 470—N. J. 336, 395—N. M. 25—
N. Y. 94, 291, 530, 591, 647, 682, 802, 1267,
1253—Ohio 1306, 1410—Pa. 372, 1151—
S. C. 70—Utah 26—Va. 52—Wis. 421—
Canada 477

RETOOL CORP.

4540 W. Burnham St.,
Milwaukee 46, Wis.
Ala. 135—Ariz. 72—Ark. 25—Cal. 657—
Colo. 83—Conn. 246, 405—D. C. 39, 92—
Ga. 234—Ill. 481—Ind. 47, 48, 358—
Kan. 77—Ky. 14, 100—Md. 61, 79—
Mass. 108, 666—Mich. 258, 349, 393, 885,
935, 1084, 1299, 1319—Mo. 109, 266, 301,
416, 469, 596—N. J. 44—N. Y. 734—
Ohio 259, 290, 428, 695, 1027, 1067, 1353,
1454, 1628, 1667—Pa. 380, 455, 480, 849,
926, 955, 1124—Tenn. 102, 103, 106, 162—
Tex. 731—Wash. 227

REULAND ELECTRIC CO.

3001 W. Mission Rd.,
Alhambra, Cal.
Cal. 7, 30, 182, 264, 924—Colo. 140—
Conn. 143—Ill. 660—La. 50—Mass. 235—
Mich. 806, 1068—Minn. 199—N. J. 263—
N. Y. 82, 262—N. C. 104, 157—Ohio 373,
469—Ore. 180—Pa. 74, 92, 1352—
Tex. 624—Wash. 300

REVCO INC.

1900 Lyndale Ave., S.,
Minneapolis 5, Minn.
Cal. 164, 614—Colo. 112—Ill. 660—
Mass. 586—Mich. 947, 1173—Minn. 116—
Mo. 125, 388—N. Y. 294, 809, 1671—
N. C. 163—Ohio 976—Ore. 45—Pa. 329,
1145—Tex. 616—Wash. 179—Wis. 339

REVERE COPPER AND BRASS, INC.

230 Park Ave.,
New York 17, N. Y.
Cal. 688, 1297—Colo. 175—Conn. 314—
Fla. 227—Ga. 197—Ill. 625—Ind. 374—
La. 163—Md. 129—Mass. 167, 425—
Mich. 640, 1005—Minn. 204—Mo. 206,
514—N. Y. 328, 1381, 1442—Ohio 388, 893,
1303—Pa. 1074, 1320—R. I. 4—Tex. 292,
684—Wash. 245—Wis. 350

REVOLVATOR CO.

2000 - 86th St.,
North Bergen, N. J.
Ala. 81—Cal. 808, 1285—Conn. 52—
Fla. 209—Ga. 121—Ill. 539, 1111—Ind. 46,
84, 314—Ky. 110—La. 130—Md. 122, 221—
Mass. 359, 440—Mich. 291—Minn. 303—
Mo. 139, 480—N. J. 211, 436—N. Y. 453,
808, 851, 1521—N. C. 90—Ohio 92, 220,
626, 1113, 1283, 1679—Ore. 144—Pa. 87,
307, 324, 1153—R. I. 1—Tenn. 89—
Tex. 335—Utah 39—Va. 18—Wash. 92—
W. Va. 22—Wis. 116—Canada 400

REYNOLDS METALS CO.

6601 W. Broad St.,
Richmond 18, Va.
Ala. 132—Ariz. 74—Ark. 29—Cal. 690,
1090, 1298—Colo. 176—Conn. 209—
D. C. 78—Fla. 201, 328—Ga. 199—Ill. 627,
1119A—Ind. 375, 566—Iowa 126—
Kan. 113—Ky. 106—La. 165, 225—
Md. 131—Mass. 168—Mich. 27, 641, 1006,
1327—Minn. 205—Mo. 207, 515—Neb. 57—
N. J. 51, 390—N. Y. 25, 329, 1050, 1382,
1594—N. C. 116—Ohio 45, 389, 896, 1115,
1304, 1661, 1751—Okla. 39, 149—
Ore. 158—Pa. 28, 1075, 1349—Tenn. 198,
264—Tex. 293, 686, 856—Utah 78—
Va. 104—Wash. 246, 357—Wis. 351A

REZOLIN, INC.

1651 18th St.,
Santa Monica, Cal.
Cal. 1135, 1439—Ill. 308—Kan. 63—
Mich. 642—Minn. 203—N. J. 471—
Pa. 1250—Tex. 711—Canada 341

RHODES, INC., M. H.

30 Bartholomew Ave.,
Hartford 6, Conn.
Cal. 506, 958—Colo. 60—Conn. 470—
Fla. 39—Ill. 287—Kan. 18, 133—La. 188—
Mich. 292—Minn. 179—Mo. 442—
N. Y. 456, 800—Ohio 369, 725—Pa. 130,
966—Tenn. 241—Tex. 305—Wash. 234—
Canada 266

RHOADS & SONS, J. E.

2100 W. 11th St.,
Wilmington 99, Del.
Ga. 200—Ill. 629—Mass. 29—N. Y. 1051—
Ohio 1350

RICE PUMP & MACHINE CO.

610 Park St.,
Belgium, Wis.
Cal. 231, 546—Conn. 507—Ill. 494—
Kan. 38—Mich. 423—N. J. 626

RICHARD BROTHERS PUNCH DIV.

Allied Products Corp.
26500 Capitol Ave.,
Detroit 39, Mich.
(See advertisement p. 215)
Ala. 137—Cal. 658—Conn. 258—Ga. 186—
Ill. 366—Ind. 223—Ky. 28—Mass. 263—
Minn. 198—Mo. 420—N. J. 233—
N. Y. 212—N. C. 172—Ohio 898, 1313—
Pa. 220, 539—Tex. 339, 462—Wis. 410—
Canada 498

RICHARDS CO., J. A.

903 N. Pitcher St.,
Kalamazoo, Mich.
(See advertisement p. 227)
(Contact manufacturer direct)

RICHARDS-WILCOX

MANUFACTURING CO.

Third and Lake Sts.,
Aurora, Ill.
Ala. 55—Cal. 551—Conn. 249, 295—
Fla. 209—Ga. 124, 203, 305—Ill. 227, 1103,
1158, 1164, 1250—Ind. 316—Iowa 59, 94—
Ky. 68—Md. 30—Mass. 216—Mich. 853,
938, 954, 1368—Minn. 44—Mo. 96, 147,
501—Neb. 58—N. J. 365, 560—N. M. 26—
N. Y. 104, 179, 296, 1015, 1298, 1611—
N. C. 217—Ohio 718, 1379, 1584—
Ore. 130—Pa. 63, 1031—Tenn. 77, 135—
Tex. 394, 707—Wash. 131, 389—Wis. 146

RICHARDSON CO., THE

2650 Lake St.,
Melrose Park, Ill.
Cal. 560, 1530—Ill. 978—Ind. 377—
Kan. 128—Mass. 562—Mich. 1153, 1228—
Mo. 496—N. J. 419—N. Y. 1023, 1384—
Ohio 1491—Tex. 328—Wash. 58—Wis. 354

RICKERT-SHAVER CO.

613 W. 11th St.,
Erie, Pa.
(Contact manufacturer direct)

RIDGE TOOL CO., THE

400 Clark St.,
Elyria, Ohio
(Contact manufacturer direct)

RIEDEL TEXTILE CORP.

See Bias Buff & Wheel Co.

RIGGS CO., WM. L.

600 S. 129th East Ave.,
Tulsa 12, Okla.
Cal. 98—Conn. 137—Ill. 855, 866—
Ind. 312—Mass. 69—Mo. 233—N. Y. 524—
Pa. 447—Tex. 317—Canada 410

RIGID PRODUCTS CO.

487 Compton Rd., P. O. Box 162,
Cincinnati 15, Ohio
Ala. 120—Cal. 424, 425, 606—Colo. 125—
Conn. 353—Ill. 1168—Ind. 130, 180, 572—
Iowa 52—Kan. 130—Ky. 98—Md. 131—
Mass. 192—Mich. 21, 40, 741, 920, 1099,
1102, 1126, 1163, 1190, 1207, 1319—
Minn. 112—Mo. 364, 505—N. J. 486, 607—
N. Y. 44, 380, 1074—Ohio 380, 847, 1081,
1158, 1237, 1242, 1628, 1663—Pa. 480,
1079—Tenn. 124—Tex. 319—W. Va. 12—
Wis. 351

RING PUNCH & DIE,

19-25 Fenton Pl.,
Jamestown, N. Y.
(Contact manufacturer direct)

RITE-O TOOL & GAGE

321 W. Ten Mile Rd.,
Hazel Park, Mich.
Ariz. 46—Cal. 53, 483, 1144, 1458—
Conn. 96, 254—D. C. 97—Fla. 239—
Ga. 322—Ill. 116, 332—Ind. 180—
Iowa 119—Mass. 177—Mich. 68, 94, 413,
539, 758, 885—Minn. 166, 288—Mo. 88,
329—N. J. 393—N. Y. 1394—Ohio 732, 1290,
1444, 1593—Pa. 1118, 1233—Tex. 370,
750—Wash. 7—Wis. 370—Canada 150, 619

RITMAR CORP.

183 New York Ave.,
Huntington, N. Y.
Ala. 209—Cal. 1511—Conn. 266—Ga. 12—
Ill. 205, 240, 482, 1151—Ind. 326—
Kan. 118—Mass. 143, 240, 534—Mich. 21,
42, 618—Minn. 61, 112—Mo. 567—

N. J. 35, 125, 517—N. Y. 60, 99, 100, 470, 1638, 1679—N. C. 137—Ohio 695, 1262—Okla. 160—Ore. 143—Pa. 553—Tenn. 106—Wis. 241—Canada 551

RIVETT LATHE & GRINDER, INC.

18 Riverview Rd.,
Brighton, Boston 35, Mass.
(See advertisement p. 50-51)

Ala. 28, 112—Cal. 41, 599, 887—Colo. 97, 155—Conn. 143, 211, 295—Fla. 112, 171—Ga. 207—Ill. 294, 1236—Ind. 387, 419—La. 30, 192, 231—Md. 188—Mass. 171, 626—Mich. 288, 403, 885—Minn. 273, 312—Miss. 29—Mo. 64, 319, 527—N. J. 263—N. Y. 334, 543, 1062, 1598—N. C. 96—Ohio 421, 873, 937, 1252—Okla. 67, 71—Ore. 104, 174—Pa. 2, 712, 806, 1100—Tenn. 45—Tex. 371, 463, 708, 736—Utah 47—Va. 88, 112—Wash. 154, 274—W. Va. 81—Wis. 194—Canada 274

ROBBINS & MYERS, INC.

Motor Div.
1345 Lagonda Ave.,
Springfield, Ohio
Cal. 852, 1140—Colo. 205—Ill. 638—
Iowa 63—La. 77—Md. 43—Mich. 840—
Minn. 202—Mo. 210—N. Y. 1054, 1337—
Okla. 154—Pa. 613—Tenn. 175—Tex. 201,
512—Wash. 255—Wis. 486

ROBBINS CO., OMER E.

11961 Dixie Ave.,
Detroit 39, Mich.
(See advertisement p. 222)

Ariz. 46—Ark. 25—Cal. 250, 2470—
Colo. 70—Conn. 431—Fla. 23—Ill. 1035—
Ind. 197—Kan. 100—Md. 25—Mass. 455—
Mich. 248, 925—Minn. 216—Mo. 167, 454—
N. Y. 291, 426, 1037—Ohio 259, 1015,
1654—Pa. 183, 604, 765, 852, 920—Tex. 168,
564—Wash. 86—Wis. 220—Canada 467,
511, 633

**ROBBY ELECTRIC
MANUFACTURING CO.**

5900 Euclid Ave.,
Cleveland 3, Ohio
Cal. 395, 1207—N. Y. 357—Ohio 197, 255,
306, 654, 694, 749, 900, 946, 1460

ROBERTSON MANUFACTURING CO.

Penna. Ave. and Green St.,
Morrisville, Pa.
Cal. 658—Conn. 336, 503—Fla. 28—
Idaho 13—Ill. 644—Ind. 233—Mich. 284,
973—Mo. 441—N. J. 79—N. Y. 94, 220,
593—Ohio 587, 1328—Pa. 244, 933,
1298—Tenn. 92—Tex. 603—Wis. 73

ROBINSON AVIATION, INC.

Teterboro 1, N. J.
Ill. 308—Mass. 527—Mich. 714—N. Y. 684,
1611—Ohio 946—Okla. 131—Pa. 464—
Canada 269, 478, 518, 640, 651

ROCHELEAU TOOL & DIE CO., INC.

650 N. Main St.,
Leominster, Mass.
Ala. 169—Cal. 819, 1207—Conn. 45—
Fla. 25, 175, 182, 248—Ill. 117, 961—
Ind. 531—Kan. 127—Mass. 30, 164, 229,
358, 406, 413, 661, 696—Mich. 984, 1329—
Mo. 606—N. H. 23—N. J. 411—N. Y. 258,
445, 464, 465, 1059, 1104, 1491—
Ohio 279, 597, 1152, 1309, 1410, 1639—
Okla. 131—Ore. 37—R. I. 48—Canada 410,
571, 587

ROCKFORD CLUTCH DIV.

Borg-Warner Corp.
1329 18th Ave.,
Rockford, Ill.
Mich. 694—Tex. 489

ROCKFORD DIE & TOOL WORKS, INC.

1816 17th Ave.,
Rockford, Ill.
Conn. 109—Ill. 205, 357, 588, 1035, 1158—
Minn. 288—Mo. 20, 545—N. Y. 115, 442,
634, 728—Tex. 741—Wash. 146

**ROCKFORD ENGINEERED
PRODUCTS CO.**

2324 23rd Ave.,
Rockford, Ill.
Cal. 49, 717—Colo. 49—Conn. 494—
Fla. 182—Ill. 357, 502, 1038, 1158, 1164—
Mich. 789, 1219—Minn. 288—Neb. 32—
N. J. 532—N. Y. 93, 291, 728—Ohio 1306,
1410—Tex. 214, 319, 325, 463—W. Va. 12—
Wis. 376

ROCKFORD MACHINE TOOL CO.

2500 Kishwaukee St.,
Rockford, Ill.
Ala. 106—Cal. 599, 1469—Colo. 142—
Ga. 207—Ill. 402—Ind. 378—La. 100, 224—
Mass. 230—Mich. 607—Minn. 183—
Mo. 319—N. J. 67—N. M. 25—N. Y. 1492—
Ohio 937, 1225—Pa. 51, 1100, 1308—
Tex. 202, 747—Utah 43—Va. 112—
Wash. 107—Canada 85, 124, 209, 440, 506,
613

ROCKWELL MANUFACTURING CO.

See Delta Power Tool Div.
Walker-Turner Div.

ROCKWIN MANUFACTURING CO.

80 Magnolia Ave.,
Westbury, N. Y.
Cal. 444—Fla. 182—Ill. 115—N. J. 532—
N. Y. 788, 834

ROGERS & CO., SAMUEL CO.

2070 Sheridan Dr.,
Buffalo 23, N. Y.
(Contact manufacturer direct)

RODGERS HYDRAULIC, INC.

7401 Walker St.,
Minneapolis 26, Minn.
Ala. 112—Ariz. 1—Ark. 25—Cal. 753,
1469—Colo. 142—Conn. 477—D. C. 91—
Fla. 90—Ga. 18—Idaho 6—Ill. 1035—
Ind. 191—Iowa 99—Kan. 127—La. 100—
Md. 131—Mass. 173—Mich. 403—
Minn. 229—Mo. 106, 548—Neb. 46—
N. Y. 881—N. C. 7—Ohio 445, 858—
Okla. 35, 131—Ore. 93—Pa. 484, 995—
S. C. 24—Tenn. 105, 162—Tex. 214, 401,
747, 833—Utah 84—Va. 50—Wash. 143—
W. Va. 12—Wis. 353

ROGERS MACHINE WORKS, INC.

259 Delaware Ave.,
Buffalo 2, N. Y.
(Contact manufacturer direct)

**RO-LETT TOOLS & DIE
MANUFACTURING**

1823 Fifth St.,
Berkeley 18, Cal.
(Contact manufacturer direct)

ROLL FEEDS CORP.

Mendon and New Angell Rds.,
Ashton, R. I.
(Contact manufacturer direct)

ROLL FORMED PRODUCTS CO.

3760 Oakwood Ave.,
Youngstown 9, Ohio
Cal. 962—Ill. 445, 1231—Ky. 95—Mo. 385—
N. Y. 529, 822, 1214—N. C. 49—Ohio 1436,

1555, 1708, 1715—Pa. 375, 740—
Tenn. 28A—Tex. 334—Wash. 208—
Wis. 298

ROLLER BEARING CO. OF AMERICA

Sullivan Wy.,
Trenton, N. J.
Ala. 163—Cal. 212—Colo. 177—
Conn. 207—Fla. 167—Ga. 69—Ill. 327,
328, 636, 662—Ind. 54—Iowa 61, 167—
Kan. 48, 68—Ky. 30—Mass. 638, 665—
Mich. 384, 462, 542—Minn. 246—Mo. 309,
415—N. J. 579—N. Y. 158, 196, 1117—
N. C. 29—Ohio 509, 847, 899—Ore. 55—
Pa. 232, 451, 642, 672, 685, 800—Tex. 103—
Wash. 72, 298, 330—W. Va. 68—Wis. 66,
117, 121

ROLL-IN SAW CO.

Parma, Mich.
Cal. 55, 58, 305, 606, 631, 893—Fla. 75,
168—Ga. 158, 219, 310—Ill. 860, 1031,
1202—Ind. 28, 261, 600—Ky. 58—
Md. 131—Mass. 385—Mich. 2, 226, 403,
956, 1092, 1102—Minn. 183—Mo. 148, 151,
433—Neb. 32—N. M. 25—N. Y. 258, 464,
540, 1369—N. C. 91, 242—Ohio 76, 1255—
Pa. 510, 716, 1123—S. C. 52—Tex. 246—
Va. 97—Wash. 143, 275—Wis. 352—
Canada 435

ROLLWAY BEARING CO., INC.

541 Seymour St.,
Syracuse 4, N. Y.
Cal. 739, 1096, 1321—Ill. 643—Mass. 432—
Mich. 649—N. Y. 1595, 1714—Ohio 1354—
Pa. 698, 1080—Tex. 653—Wash. 283—
Canada 396

ROOVERS-LOTSCH CORP.

3611 14th Ave.,
Brooklyn 18, N. Y.
(Contact manufacturer direct)

ROSAEN CO., THE

1776 E. Nine Mile Rd.,
Hazel Park, Mich.
Ala. 48—Cal. 927—Colo. 224—Ga. 186—
Ill. 1051, 1143—Iowa 93—Kan. 64—
Ky. 126—Md. 87—Mass. 299—Mich. 653,
885, 1114, 1220—Minn. 48—Mo. 476—
N. J. 263—N. Y. 306—Ohio 746, 1281—
Pa. 2, 178, 1140—S. C. 8—Tenn. 87, 148—
Tex. 53, 371—W. Va. 81—Canada 458

ROSAN INC.

2901 W. Coast Hwy.,
Newport Beach, Cal.
D. C. 80—Ill. 1075—Mich. 650—
N. J. 391—Ohio 1234, 1308—Tex. 454—
Wash. 266—Canada 394

ROSS EQUIPMENT CO., INC.

75 College Ave.,
Rochester 7, N. Y.
(Contact manufacturer direct)

ROSS MANUFACTURING CO.

6210 Carnegie Ave.,
Cleveland 3, Ohio
(Contact manufacturer direct)

ROSS OPERATING VALVE CO.

120 E. Goldengate Ave.,
Detroit 3, Mich.
(See advertisement p. 602)

Ala. 9—Cal. 340, 1117—Colo. 224—
Conn. 396, 482—Fla. 65—Ill. 799, 1162—
Ind. 451—Iowa 67, 177—Ky. 129—La. 175,
234—Md. 227—Mass. 411—Mich. 547, 824,
1021, 1090—Minn. 110—Mo. 183, 476—
N. J. 385—N. Y. 364, 392, 1420—
N. C. 185—Ohio 118, 462, 815, 1450, 1645,
1725, 1747—Okla. 102—Ore. 26, 104—
Pa. 162, 796—R. I. 68—S. C. 27—Tex. 167,
562—Va. 108—Wash. 154—Wis. 217—
Canada 24, 38

MANUFACTURERS

ROTARY LIFT CO.

Div. of Dover Corp.
1030 Kansas St.
Memphis 2, Tenn.
Ala. 127, 179—Cal. 929—Colo. 148—
Del. 2—D. C. 36—Fla. 106—Kan. 116—
N. Y. 308, 1060, 1164, 1619—N. C. 250—
Pa. 384, 1162, 1226—S. C. 71—Tenn. 96,
199, 262—Tex. 352, 404—Utah 57—
Va. 84—Canada 167, 436

ROTARY TOOL INDUSTRIES, INC.

4461 W. Jefferson Ave.,
Detroit 9, Mich.
Ala. 164—Cal. 138—Fla. 249—Ill. 25—
Ind. 221, 423—Mass. 413—Mich. 1129—
Mo. 491—N. Y. 249, 1286—Ohio 778—
Pa. 664, 1302

ROTEX PUNCH CO., INC.

2350 Alvarado St.,
San Leandro, Cal.
Ariz. 108—D. C. 51—Ill. 588—Mo. 103—
N. Y. 589, 1080—Tex. 654—Wash. 143

ROTHERM ENGINEERING CO. INC.

7280 W. Devon Ave.,
Chicago 31, Ill.
Cal. 932—Colo. 94—Conn. 363—D. C. 23—
Idaho 9—Ill. 129—Ky. 12—Mich. 786—
Minn. 193—Mo. 414—N. Y. 880—
Ohio 960—Pa. 81, 985—S. C. 42—
Tenn. 138—Tex. 439, 787—Wash. 183—
Wis. 181—Canada 66, 538

ROTHFUSS TOOL CO.

247 Washington Ave.,
P. O. Box 2697 Elmwood Sta.
Providence 7, R. I.
Cal. 878—Ill. 502, 584—Mich. 625—
Minn. 288—N. J. 305, 410—N. Y. 1069,
1097—Ohio 1202, 1410—Pa. 314—
Tenn. 34—Canada 204

ROTO-FINISH CO.

3700 Milham Rd.,
Kalamazoo, Mich.
Ill. 953—Mich. 1293—N. Y. 1061, 1596—
Ohio 1310—Canada 437

ROTOR TOOL CO., THE

26300 Lakeland Blvd.,
Cleveland 32, Ohio
Ala. 60—Cal. 645—Conn. 305—Ga. 77—
Ill. 394, 649—La. 41, 82—Md. 134—
Mass. 170—Mich. 655—Mo. 103, 389—
N. J. 392—N. M. 9, 56—N. Y. 175, 1188—
Ohio 395—Okla. 36, 142—Pa. 300, 1081—
Tenn. 26, 84—Tex. 33, 38, 58, 60, 65, 104,
380, 420, 509, 768, 781, 810, 820, 823, 837—
Wis. 362—Canada 73, 467, 634

ROUSE & CO., H. B.

2214 N. Wayne Ave.,
Chicago 14, Ill.
(Contact manufacturer direct)

ROWBOTTOM MACHINE CO., INC.

Sheffield St.,
Waterbury, Conn.
(Contact manufacturer direct)

ROWE MACHINERY & MANUFACTURING CO.

811 Regal Row,
Dallas 35, Tex.
Cal. 74, 1368—Conn. 477—Ill. 507—
Ind. 267—Mich. 216, 403—Miss. 23—

Mo. 96, 418—N. Y. 688, 1348, 1563—
Ohio 279, 804, 1243—Pa. 1102, 1308—
Tex. 241

ROYAL INDUSTRIES, INC.

1035 Westminister Ave.,
Alhambra, Cal.
(Contact manufacturer direct)

ROYAL OAK PRODUCTS CO.

28282 John R St.,
Madison Heights, Mich.
Cal. 1458—Colo. 49—Ill. 99—Mich. 305—
N. Y. 568, 763, 1069—Ohio 1141—Pa. 319—
Canada 229

ROYAL OAK TOOL AND MACHINE CO.

Grinder Div.
29800 Stephenson Hwy., P.O. Box 111,
Royal Oak 3, Mich.
Ariz. 49—Cal. 250, 957—Colo. 83—
Conn. 135—Ga. 148—Ill. 728—Ind. 180—
Miss. 23—Mo. 295—Neb. 32—N. Y. 291,
568, 951, 1395—Ohio 1014, 1240—Ore. 61—
Pa. 664, 1051, 1299—R. I. 63—Tex. 115,
549—Utah 26—Wash. 235—Wis. 472—
Canada 204, 503

ROYAL PRODUCTS

88 Union St.,
Mineola, L. I., N. Y.
(Contact manufacturer direct)

ROYCO TAP & TOOL CORP.

6829 Lincoln St.,
North Branch, Mich.
Ala. 107—Colo. 207—Ga. 289—Ill. 278—
Ind. 424—Mich. 475, 829—N. Y. 306, 451,
1359, 1579—Ohio 423, 963, 1682—
Pa. 1151—Tex. 741—Wash. 172

ROYEL TOOLS

P. O. Box 7486
Minneapolis 22, Minn.
Conn. 400—Iowa 25, 109—Mass. 572—
Minn. 312—Mo. 148, 364—N. J. 44, 607—
Ohio 947—Wis. 358—Canada 155

ROYERSFORD FOUNDRY & MACHINE CO.

Main St.,
Royersford, Pa.
(Contact manufacturer direct)

RUBBER & ASBESTOS CORP.

225 Belleville Ave.,
Bloomfield, N. J.
(Contact manufacturer direct)

RUEMELIN MANUFACTURING CO.

3860 N. Plumer St.,
Milwaukee 12, Wis.
(Contact manufacturer direct)

RUSNOK TOOL WORKS

4840 W. North Ave.,
Chicago 39, Ill.
(Contact manufacturer direct)

RUSSELL, BURDSALL & WARD BOLT AND NUT CO.

Midland Ave.,
Port Chester, N. Y.
Cal. 695, 1304—Ill. 652—Mich. 654—
Pa. 54, 1082—Tex. 298

RUSSELL, HOLBROOK & HENDERSON, INC.

292 Madison Ave.,
New York 17, N. Y.
(See advertisement p. 40)
Ariz. 88—Cal. 509—Conn. 347, 364—
Ill. 878—Mass. 324A, 658—N. J. 613—
N. Y. 60A, 559, 1473—Ohio 1332—Pa. 1230

RUST-LICK INC.

755 Boylston St.,
Boston 16, Mass.
Cal. 292, 326, 914—Conn. 54, 471—Fla. 26—
Ill. 915, 1057—Ind. 92, 128—Iowa 64—
Me. 24—Mass. 11, 15, 352, 353, 423, 550,
680—Minn. 315—N. J. 225, 580—N. Y. 138,
291, 564, 723, 1654, 1700—Ohio 267, 739,
932—Pa. 69, 213, 363, 424, 468, 905, 1348—
R. I. 31—Tenn. 1—Wis. 293, 367—
Canada 204, 623

RUTHMAN MACHINERY CO., THE

1809-1823 Reading Rd.,
Cincinnati 2, Ohio
(Contact manufacturer direct)

RUTLAND TOOL SERVICE

1617 E. McNichols Rd.,
Detroit 3, Mich.
(Contact manufacturer direct)

RYERSON & SON, INC., JOSEPH T.

16th and Rockwell St.,
Chicago 8, Ill.
Cal. 151, 696—Colo. 182—Conn. 415—
Ill. 653, 1201, 1230—Ind. 383, 568—
Mass. 172—Mich. 657—Minn. 213—Mo. 213,
522—N. J. 223—N. Y. 335—N. C. 119—
Ohio 396, 903—Pa. 702, 1085—Tex. 299,
692—Wash. 253, 358—Wis. 363

RYMAN ENGINEERING CO.

523 Spring Ave.,
Ellwood City, Pa.
Ala. 220—Cal. 259—Ill. 290—Mich. 983—
N. Y. 537, 1159—Ohio 904—Pa. 1086,
1338—Canada 482

— S —

S & D ENGINEERING CO.

2051 W. Mountain St.,
Glendale 1, Cal.
Cal. 606, 1287—Conn. 78—Idaho 13—
Ill. 865—Ind. 256—Mich. 832—
Minn. 288—Mo. 470—N. J. 47, 201—
Ohio 79—Tenn. 34—Tex. 170—Wash. 287

S & E MACHINE PRODUCTS, INC.

Bridgeport, Mich.
(See advertisement p. 216)
Ariz. 33—Cal. 878, 1437—Conn. 488—
Fla. 138—Ga. 219—Ill. 602—Ind. 247—
Mass. 541, 672—Mich. 465, 885—
Minn. 180—N. J. 47—N. Y. 568, 1187—
Ohio 861, 1597—Okla. 109—Pa. 448, 888—
Tenn. 216—Wash. 269—Canada 198

SKF INDUSTRIES, INC.

Front St. and Erie Ave.,
Philadelphia 32, Pa.
(Contact manufacturer direct)

SKF INDUSTRIES, INC.

See Also Tyson Bearing Co. Div.

MANUFACTURERS

S-P MANUFACTURING CORP., THE

30201 Aurora Rd.
Solon, Ohio

Ala. 65, 191—Cal. 665—Conn. 258—
Ill. 38, 739—Ind. 207—Mich. 658, 863,
1114—Minn. 37—Mo. 267—N. H. 27—
N. J. 144—N. Y. 553, 1590—N. C. 28—
Ohio 279, 1243—Pa. 590, 986—Tenn. 124—
Tex. 150—Utah 83—Va. 72—Wash. 182—
Wis. 96—Canada 28, 166

SAFETY PRODUCTS DIV.

See American Optical Co.

SAHLIN ENGINEERING CO., INC.

750 W. Maple Rd., P. O. Box #289
Birmingham, Mich.
Cal. 1368—N. Y. 315—Pa. 1069—Wash. 145

SAL METAL PRODUCTS CO.

120 Freeman St.
Brooklyn 22, N. Y.
(Contact manufacturer direct)

SALES SERVICE MACHINE TOOL CO.

(Diebel)
2363 University Ave.
St. Paul 14, Minn.
Ark. 25—Cal. 753, 1310—Colo. 142, 143—
Ga. 207—Ill. 4—Ind. 267—Md. 33—
Mass. 185—Mich. 403—N. Y. 656, 1585,
1633—N. C. 219—Ohio 76, 445—Okla. 22—
Ore. 153—Pa. 590, 1004—Tex. 463, 654—
Wash. 76—Wis. 329—Canada 377

SALES SERVICE MACHINE TOOL CO.

(Press-Rite)
Ala. 51, 135, 165, 169, 205, 209—Ariz. 49—
Ark. 10, 25—Cal. 753, 916, 1000, 1310—
Colo. 142, 156—Conn. 55, 56—D. C. 18,
30—Fla. 71, 84, 171, 240, 248, 304—Ga. 58,
333—Idaho 17—Ill. 4—Iowa 16, 99, 140,
164, 177—Kan. 77—Ky. 65, 84, 98—La. 57,
100, 192, 220, 224, 231—Md. 33—
Mass. 185—Mich. 403—Miss. 29—Mo. 117,
173, 183, 330, 433, 460, 476—Neb. 16, 42—
N. J. 350—N. Y. 27, 121, 157, 222, 277, 342,
445, 540, 609, 642, 648, 682, 684, 855, 923,
1257, 1330, 1404, 1460, 1585, 1623, 1633—
N. C. 26—Ohio 196, 290, 305, 445, 742, 1091,
1102, 1225—Okla. 32, 98, 129—Ore. 153—
Pa. 14, 31, 259, 703, 1122, 1190, 1337—
S. C. 5—S. D. 7—Tenn. 148, 162—
Tex. 255, 401, 462, 747—Utah 47, 65—
Va. 48, 52—Wash. 274, 313, 363—
W. Va. 12, 41—Wis. 50, 329

SALVO TOOL & ENGINEERING CO.

26441 Gratiot Ave.
Roseville, Mich.
Conn. 64—Ill. 654—Canada 299

SAN ANGELO FOUNDRY & MACHINE CO.

1000 Upton
San Angelo, Tex.
(Contact manufacturer direct)

SANDERS LABORATORIES

83 Uhland St.
East Rutherford, N. J.
(Contact manufacturer direct)

SANDEX AUTOMATION, INC.

678 Berriman St.
Brooklyn 8, N. Y.
(Contact manufacturer direct)

SANDVIK STEEL, INC.

1702 Nevins Rd.
Fair Lawn, N. J.
Cal. 699—Ill. 655—Mich. 659—Ohio 906

SANFORD MANUFACTURING CORP.

1020 Commerce Ave.
Union, N. J.
(Contact manufacturer direct)

SANSON & SONS, INC., HENRY E.

2215 N. American St.
Philadelphia 33, Pa.
Conn. 376—Mass. 533, 559—Mo. 184—
N. J. 194—N. Y. 127, 624—Tex. 29—
Wash. 137

SANSTORM MANUFACTURING CO.

1801 Santa Clara at H St.
Fresno 15, Cal.
Ala. 46—Ariz. 87—Cal. 494, 722, 1120—
Colo. 215—Fla. 68—Ill. 103—Ind. 395—
Iowa 101—La. 183—Mass. 113—
Mich. 732—Minn. 120—Mo. 168, 299—
Mont. 28—Nev. 4—N. M. 21—N. Y. 1252—
Ohio 599, 1217—Okla. 142—Ore. 118—
Pa. 478, 1213—Tex. 20, 406, 420, 509—
Utah 106—Wash. 101, 367—W. Va. 11—
Wis. 128

SAVAGE CO., W. J.

912 Clinch Ave., S. W.
Knoxville 2, Tenn.
Ala. 169—Cal. 58, 523, 1380—Colo. 142—
Conn. 463—Fla. 84—Ga. 243—Ill. 193—
Ind. 407—La. 184—Mass. 185—Mich. 843—
Minn. 183—Mo. 108, 330—Neb. 46—
N. Y. 243, 656, 1257, 1602—Ohio 302, 819,
1091, 1259, 1410—Okla. 131—Ore. 79—
Pa. 730, 798—Tenn. 34, 92—Tex. 112, 401,
654—Utah 66—Wash. 274—Wis. 352—
Canada 83, 439, 505, 612

SAXTON MANUFACTURING CO.

1517 N. Potrero Ave.
South El Monte, Cal.
Ala. 7—Ariz. 26, 69, 104—Cal. 49, 75, 122,
217, 230, 326, 331, 457, 658, 914, 984, 1044,
1099, 1198, 1272, 1400, 1485—Colo. 93—
Conn. 110—D. C. 88—Fla. 280—Idaho 5—
Ill. 120, 229, 357, 502, 607, 1095—Ind. 573—
Iowa 99—Kan. 76—Ky. 65—Mass. 209—
Mich. 93, 959—Minn. 257—Miss. 11—
Mo. 606—Neb. 32—N. J. 154, 277—
N. M. 15—N. Y. 101—Ohio 946—
Okla. 131—Ore. 61—Pa. 650, 1087—
R. I. 48—Tenn. 34—Tex. 339, 510—Va. 50,
52—Wis. 163, 332

SCHAFFNER MANUFACTURING CO., INC.

21 Herron Ave.
Pittsburgh 2, Pa.
Cal. 534—Ky. 132—Mich. 220, 1079—
N. Y. 1624—Ohio 73, 862—Pa. 929

SCHARMANN MACHINE CORP.

337 Blvd. of the Allies
Pittsburgh 22, Pa.
Cal. 763, 869—Conn. 260, 477—D. C. 18—
Ga. 62—Ind. 191—Md. 33—Mass. 431—
Mich. 377—Mo. 295—Neb. 20—N. J. 344—
N. Y. 273, 582—Ohio 327, 783—Pa. 51, 195,
1102—Wis. 156—Canada 312, 534

SCHAUER MANUFACTURING CORP.

4500 Alpine Ave.
Cincinnati 42, Ohio
Cal. 523, 1207—D. C. 40—Ga. 62—Ill. 584—
Ind. 311—Mich. 368—Minn. 183—Mo. 108,
109, 365—N. Y. 355, 609, 1107, 1413, 1465,
1611—N. C. 172—Ohio 346, 819, 1225—
Pa. 740, 1021—Wash. 143—Canada 478,
640, 651

SCHERR CO., INC., GEORGE

200 Lafayette St.
New York 12, N. Y.
(See advertisement p. 320)
Cal. 706—Minn. 269

SCHMARJE TOOL CO.

107 Pine St.
Muscatine, Iowa
Ind. 313—Mass. 20—N. Y. 840—
Tenn. 203—Wis. 213

SCHMIDT, INC., GEO. T.

4100 N. Ravenswood Ave.
Chicago 13, Ill.
Ill. 943, 952—Ind. 286—Mich. 1171—
Ohio 562—Tex. 550—Wis. 495

SCHMIEG INDUSTRIES, INC.

23930 Sherwood Ave.
Center Line, Mich.
Conn. 124, 485—Ill. 526—Ind. 356—
Kan. 19—Me. 11—Mass. 66—Mich. 862—
Mo. 376—N. J. 560—N. Y. 1370—
Ohio 1522—Pa. 1259

SCHMITT CO., R. L.

6536 Roosevelt Ave.
Allen Park, Mich.
Ill. 318, 571—Iowa 30—N. J. 146—
N. Y. 1435—Ohio 690, 1170—Tenn. 203

SCHRADER'S SON, A.

Div. of Seavill Manufacturing Co., Inc.
470 Vanderbilt Ave.
Brooklyn 38, N. Y.
Ala. 169—Ariz. 34—Cal. 457, 761, 849,
1252, 1400—Colo. 108—Conn. 32, 212, 331,
434—Del. 13—Fla. 184, 248—Ga. 108—
Ill. 357, 1095—Ind. 44, 76, 276—Iowa 21, 56,
99, 164—Ky. 98—La. 30, 192—Md. 33—
Mass. 69, 243, 347, 649—Mich. 714, 865,
1002, 1140, 1203—Minn. 36—Mo. 241,
355—N. J. 52, 401, 580—N. M. 25—
N. Y. 140, 306, 451, 1359, 1579—N. C. 7,
146, 186, 196, 213—Ohio 302, 946, 1091,
1168, 1639—Okla. 22, 104—Ore. 52—Pa. 31,
69, 178, 318, 609, 1101, 1175, 1205, 1304—
R. I. 49—S. C. 24—Tenn. 103, 148, 231—
Tex. 112, 517—Utah 52—Va. 12, 50, 112—
Wash. 86—W. Va. 81—Wis. 433—
Canada 29, 83, 123, 505, 612

SCHRAMM, INC.

West Chester, Pa.
Cal. 701, 928—D. C. 82—Ill. 661—
Minn. 26—Mo. 22—N. Y. 1071, 1577—
Pa. 233, 256, 676, 1281—Tenn. 90—
Tex. 445, 668

SCHULTES LEVEL, INC.

17403 Gable Ave.
Detroit 12, Mich.
(Contact manufacturer direct)

SCHULTZ & ANDERSON CO.

109 Edison Pl.
Newark 2, N. J.
Mass. 131, 236—R. I. 48—Tex. 332, 686—
Wis. 89

SICAKY BROTHERS, INC.

4915 W. 67th St.
Chicago 38, Ill.
Cal. 703—D. C. 83—Ga. 206—Ill. 665—
Mass. 174—Mich. 670—Mo. 214A, 530—
N. Y. 337, 1073—Ohio 914—Pa. 706—
Tex. 455

MANUFACTURERS

SCIENTIFIC ELECTRIC, INC.

111 Monroe St.
Garfield, N. J.
(Contact manufacturer direct)

SCIENTIFIC LUBRICANTS CO.

3469 N. Clark St.
Chicago 13, Ill.
(Contact manufacturer direct)

SCREW MACHINE TOOL CO.

17565 Swift Ave.
Detroit 3, Mich.
Cal. 358—Ill. 584—Ind. 197—Mich. 899—
Minn. 167—Mo. 420—N. J. 607—N. Y. 80—
Ohio 804, 1224—Pa. 553, 1051—Tex. 150—
Vt. 7—Canada 440

SCULLY-JONES AND CO.

1946 S. Rockwell St.
Chicago 8, Ill.
(See advertisement p. 12)
Ala. 137, 209—Ariz. 39, 112—Cal. 285, 326,
496, 600, 914, 1092, 1198, 1377—Colo. 83—
Conn. 11, 260, 477—Fla. 84, 122, 345—
Ga. 234—Idaho 28—Ill. 155, 666, 720, 1095,
1189—Ind. 69, 251, 295—Iowa 107—
Kan. 74—Ky. 24—La. 98, 220—Md. 36—
Mass. 431—Mich. 25, 672, 850, 956, 1084,
1125, 1167, 1203, 1319, 1343—Minn. 133—
Miss. 29—Mo. 108, 364, 505—Neb. 46—
N. J. 141—N. M. 25—N. Y. 350, 442, 531,
868, 1435, 1466, 1582, 1623—N. C. 137—
Ohio 41, 48, 109, 300, 302, 839, 877, 1091,
1202, 1259, 1432, 1652—Ore. 87—Pa. 176,
575, 881, 926—R. I. 31—Tenn. 9, 34, 106,
177, 249—Tex. 339, 462, 549, 776, 795—
Utah 75—Va. 52—Wash. 108—W. Va. 12—
Wis. 355—Canada 29, 439, 478, 505, 518,
812, 640, 651

SEALOL CORP.

Industrial Products Div.
Warwick Industrial Park
Providence 5, R. I.
Cal. 403—Conn. 106—Fla. 121—Ill. 668—
Mich. 425—Mo. 454—N. J. 44—N. Y. 162,
724—Ohio 1721—Va. 66—Canada 445

SEAL-PEEL, INC.

775 Stephenson Hwy.
Royal Oak 3, Mich.
Ala. 64, 180—Cal. 157, 980—Conn. 468—
Fla. 325—Ill. 537—Ind. 250—Iowa 99—
Kan. 76—La. 30, 192, 231—Mass. 187—
Mich. 962, 1087, 1124, 1208, 1236, 1335—
Minn. 288—Miss. 29—Mo. 66, 470—
N. J. 136, 581—N. Y. 258, 1195—Ohio 891,
1493, 1618—Okla. 131—Pa. 466, 1337—
Tex. 332, 463, 736—Vt. 6—W. Va. 12

SEARJEANT METAL PRODUCTS, INC.

Mendon, N. Y.
Ala. 169—Cal. 74, 254, 387, 448, 514, 615,
1151, 1265, 1368, 1442, 1467—Colo. 183—
Conn. 15, 35, 233, 284, 427, 467—Fla. 249,
304—Ill. 489, 502, 768, 1125—Ind. 185, 267—
Iowa 108—Ky. 1, 85, 101—La. 192—
Mass. 233—Mich. 223, 673, 923, 1102,
1134—Minn. 291, 312—Miss. 24—
Mo. 509—Neb. 32—N. J. 107, 108, 395—
N. Y. 346, 623, 1245, 1499—N. C. 224—
Ohio 2, 360, 400, 905, 946, 1202, 1582—
Ore. 153—Pa. 221, 552, 585, 679, 1252—
Tenn. 133—Tex. 169, 647, 747—Utah 84—
Va. 45, 52—Wash. 274—W. Va. 80—
Wis. 33, 330, 414—Canada 162, 442

SECREST MACHINE CO.

1507 M St., N. W.
Washington 5, D. C.
Ala. 101, 209—Cal. 699, 1207—Fla. 257,
352, Ga. 242—Ill. 544, 1005—Ind. 343—

Kan. 119—La. 30, 192, 231—Mich. 145,
1203—Miss. 29—Mo. 226, 548—N. Y. 198,
468—N. C. 137—Ohio 327, 783—
Okla. 161—Pa. 51, 905—Tex. 277, 736—
Va. 52—Wash. 76—Wis. 313

SEEWALD, INC.

1952 Woodbridge Ave.
New Brunswick, N. J.
Cal. 545—N. J. 421—N. Y. 306, 518—
Pa. 449, 656, 1094

SEIBERT & SONS, INC.

Chenoo, Ill.
(See advertisement p. 43)
Ariz. 33—Cal. 417, 878—Colo. 49, 59—
Fla. 239—Ill. 47—Mass. 548—Mich. 674,
1243—Minn. 109—Mo. 109, 375—
N. J. 542—N. Y. 1312—Ohio 366, 1142—
Okla. 96—Pa. 644, 955—Tenn. 203—
Tex. 194, 603—Utah 81—Wash. 258—
Canada 55, 155

SELAS CORP. OF AMERICA

Limekiln Pike and Dreshertown Rd.
Dresher, Pa.
Cal. 705—Conn. 21—Ill. 667—Mich. 675—
N. J. 397—N. Y. 1076, 1398—Ohio 919,
1316—Pa. 708, 1091—Tex. 696—
Wash. 262

SEMA CORP.

P. O. Box 176
Boston 72, Mass.
(Contact manufacturer direct)

SENECA FALLS MACHINE CO.

314-40 Fall St.
Seneca Falls, N. Y.
Ala. 112—Cal. 704, 1460—Conn. 211—
D. C. 47—Ga. 62—Ill. 1083—Ind. 407—
Mass. 171—Mich. 248, 925—Mo. 418—
N. Y. 334, 1062, 1393, 1698—Ohio 272, 687,
1429, 1630—Pa. 1069, 1249—Tenn. 166—
Tex. 202, 522—Canada 85, 124, 280, 440,
506, 613

SENSORY, INC.

11 New St.
Morristown, N. J.
Ill. 398

SENTRY CO., THE

62 Main St.
Foxboro, Mass.
Cal. 392—Fla. 224—Ill. 669—Mich. 491—
Minn. 52—Mo. 536—N. J. 587—N. Y. 306—
N. C. 219—Ohio 1518—Pa. 178, 915—
Tex. 665—Canada 597

SERVICE DIAMOND TOOL CO.

2505 Burdette Ave.
Ferndale 20, Mich.
Cal. 678—Ga. 81—Ind. 399—Iowa 18—
Mass. 106—Mich. 1023—Pa. 1087—
Tex. 510

SERVICE FILE SHARPENING CO.

4461 W. Jefferson
Detroit 9, Mich.
Ala. 164—Mo. 56, 491—N. Y. 1677—Wis. 29

SERVICE MACHINE CO.

2310 W. 78th St.
Chicago 20, Ill.
(See advertisement p. 576)
Cal. 254, 1265—Conn. 242—Fla. 58, 248,
340—Ga. 19—Ill. 241, 767, 789, 1144—
Ind. 28, 267, 506—Iowa 9, 107, 168—

Kan. 77—Ky. 71—Mass. 233—Mich. 119,
425, 1019—Minn. 183, 275—Mo. 251, 460—
Neb. 32, 46—N. J. 350, 395, 410, 624—
N. Y. 132, 540—Ohio 15, 76, 207, 648, 1086,
1258, 1410, 1753—Okla. 22, 111, 131—
Ore. 153—Pa. 638, 969—Tex. 273, 467,
654—Va. 145—Wash. 193, 225—Wis. 353—
Canada 119, 377, 457, 533

SESCO, INC.

8881 Central Ave.
Detroit 4, Mich.
Ill. 158—Ind. 402—Mich. 1294—
Minn. 232—Mo. 476—N. Y. 1039, 1606—
Ohio 773, 1118—Pa. 4, 1003—Wis. 393

SET SCREW & MANUFACTURING CO.

706 Main St.
Bartlett, Ill.

SEVERANCE TOOL INDUSTRIES, INC.

728 Iowa Rd.
Saginaw 1, Mich.
Ala. 37, 148—Cal. 706—Colo. 83, 207—
Conn. 282, 342, 431—Fla. 168, 249—
Ga. 18—Ill. 671, 1199—Ind. 48, 70, 141, 240,
531, 573—Iowa 11—Kan. 100—Ky. 127—
La. 100, 192—Md. 217—Mass. 18—
Mich. 19, 656, 741, 956, 1049, 1087, 1235,
1248, 1317—Minn. 113—Mo. 103, 167, 454—
Neb. 42—N. J. 335—N. M. 25—N. Y. 175,
258, 442, 531, 1253, 1304, 1387, 1548, 1623,
1654, 1687—N. C. 26, 219—Ohio 127, 822,
878, 999, 1123, 1202, 1347, 1654, 1667,
1707—Okla. 30, 111—Ore. 87, 92—Pa. 154,
176, 684, 945, 1337—S. C. 5—S. D. 14—
Tenn. 49, 106, 216—Tex. 169, 319, 736—
Utah 52—Va. 122—W. Va. 12—Wis. 288—
Canada 446

SEWALL MANUFACTURING CO., E. B.

705 Raymond Ave.
St. Paul 14, Minn.
Cal. 816, 1180—Mich. 1064—Wash. 110

SHAKER TOOL & DIE CO.

1080 E. 222nd St.
Cleveland 17, Ohio
(Contact manufacturer direct)

SHARON STEEL CORP.

Sharon, Pa.
Cal. 708, 1307—D. C. 85—Ill. 673—
Ind. 391—Mich. 677, 1009—N. Y. 1078,
1399—Ohio 404, 921, 1317, 1470—
Ore. 166—Pa. 1321—Wis. 375—
Canada 447, 618

SHAW-BOX CRANE & HOIST DIV.

See Manning, Maxwell & Moore, Inc.

SHEAR-SPEED CHEMICAL PRODUCTS DIV.

Michigan Tool Co.
7171 E. McNichols
Detroit 12, Mich.
(Contact manufacturer direct)

SHEFFER COLLET CO.

Traverse City, Mich.
Cal. 978—Conn. 476—Ill. 596—Ind. 180,
564—Iowa 52—Mich. 678, 1319—Mo. 469—
N. J. 379—N. Y. 261, 1312—Ohio 179, 804,
1572—Pa. 399, 955—Tex. 150—Wis. 371

SHEFFER CORP., THE

326 W. Wyoming Ave.
Cincinnati 15, Ohio
Ala. 68—Cal. 488—Conn. 44—Ill. 365—
Ind. 387—Kan. 64—Ky. 111—La. 183—

Md. 44—Mass. 619—Mich. 32, 455, 695,
682—Minn. 327—Mo. 57, 391, 592—
N. J. 164, 356—N. Y. 306, 451, 1359, 1579—
Ohio 46, 401, 901, 1120, 1314—Ore. 26,
104—Pa. 185, 555, 602, 936—Tex. 217, 439,
483—Wash. 154, 345

SHEFFIELD CORP.,

Subsidiary of Bendix Aviation Corp.
Box 893
Dayton 1, Ohio

Ariz. 72—Cal. 213, 1094, 1177—Colo. 70—
Conn. 459—Fla. 163—Ga. 81—Ill. 676,
1216—Ind. 103, 393—Kan. 101—
Mass. 334—Mich. 679, 1010, 1164A—
Minn. 186—Mo. 145, 368—N. J. 64—
N. Y. 483, 1601—N. C. 261—Ohio 405, 922,
1318, 1505—Okla. 93—Pa. 183, 664, 920—
Tenn. 49, 216—Tex. 168, 564—Wash. 269—
Wis. 290—Canada 98, 226, 476, 516, 638

SHELDON MACHINE CO., INC.

4258 N. Knox Ave.
Chicago 41, Ill.
Ariz. 108—Cal. 523, 599, 704, 885, 893,
1252, 1469—Colo. 142—Conn. 56, 477—
Fla. 45—Ill. 120, 155, 233, 294, 441—
Ind. 28, 277—Iowa 99—Kan. 77—Ky. 84—
La. 100—Mass. 69, 233—Mich. 403, 714—
Minn. 216—Mo. 103, 355—Neb. 42—
N. J. 624—N. Y. 39, 179, 312, 589, 684, 746,
1611—Ohio 28, 196, 648—Ore. 97, 153—
Pa. 178, 510, 821, 1337—Tenn. 34, 71—
Tex. 112, 253, 255, 685—Va. 28—
Wash. 107—Wis. 387

SHELL CHEMICAL CORP.

50 W. 50th St.
New York 20, N. Y.
Cal. 710, 1308—Ga. 208—Ill. 678—
Mich. 680—N. J. 398—N. Y. 1079—
Ohio 923—Tex. 698

SHELL OIL CO.

50 W. 50th St.
New York 20, N. Y.
Cal. 711, 1023, 1309—Ga. 209—Ill. 678—
Ind. 394—La. 174—Md. 141—Mass. 176—
Mich. 681—Minn. 219—Mo. 537—N. Y. 30,
469—Ohio 924—Ore. 167—Wash. 264—
Canada 448

SHENANGO FURNACE CO., THE

See Centrifugally Cast Products Div.

SHEPPARD, STANLEY

30 Church St.
New York City 7, N. Y.
Cal. 418, 796, 1265—Conn. 53—Ill. 114—
Ky. 84—Mass. 233—Mich. 991, 1203—
Minn. 109—Mo. 460—Neb. 32—N. J. 47,
395—N. Y. 589—Ohio 646—Okla. 98—
Pa. 604—R. I. 74—Tex. 214—Wash. 313

SHERIDAN PRODUCTS, INC.

1054 E. Hyde Park Blvd.
Inglewood 3, Cal.
Cal. 193, 806—Ga. 250—Ind. 44—Kan. 98—
Mich. 726—Minn. 167—Mo. 108, 419—
N. Y. 339—Okla. 94, 128—Tex. 28—
Wash. 284

**SHORE INSTRUMENT &
MANUFACTURING CO., INC.**

90-35 Van Wyck Expressway
Jamaica 35, N. Y.
(Contact manufacturer direct)

SHUR-SAFETY MANUFACTURING CO.

1338 S. Cicero Ave.
Cicero 50, Ill.
Ill. 836—N. Y. 1390—Wis. 330

SIBLEY MACHINE & FOUNDRY CORP.

206 E. Tutt St.
South Bend 23, Ind.
Ala. 102—Cal. 599, 1000, 1460—Colo. 142—
Conn. 500—Fla. 71, 84, 90, 171—Ga. 58—
Idaho 32—Ill. 294, 781, 1035—Ind. 28,
311—Ky. 98—La. 100—Md. 33—
Mass. 233, 258, 646—Mich. 120, 1122,
1219—Minn. 275—Mo. 106, 418—
Mont. 23—N. Y. 222, 1139, 1143, 1395,
1585—Ohio 15, 742, 895, 1225, 1628—
Ore. 153—Pa. 798—R. I. 74—S. C. 14,
24—Tenn. 163—Tex. 214, 747—Va. 112—
Wash. 76, 107, 143, 174, 353—Wis. 421

SIDNEY MACHINE TOOL CO., THE

Highland Ave.
Sidney, Ohio
Ariz. 78—Cal. 266, 1177—Colo. 83—
Conn. 487—Ga. 207—Ill. 462—Ind. 307—
La. 57—Mass. 171—Mich. 843, 1203—
Mo. 103, 418—N. J. 67—N. Y. 334, 1598—
N. C. 137—Ohio 302, 937, 1146, 1604—
Okla. 132—Pa. 761, 1100—Tenn. 166—
Tex. 254, 733—Utah 101—Va. 8, 52—
Wash. 311, 336—Wis. 276

SIER-BATH GEAR & PUMP CO.

9252 Hudson Blvd.
North Bergen 1, N. J.
Cal. 603, 1428, 1468—Colo. 84—Conn. 126,
449—Ga. 246—Ill. 582, 650—Md. 162—
Mass. 161—Mich. 750—Minn. 250—
Mo. 53, 305—N. J. 92—N. Y. 318, 778,
1615—Ohio 29, 42, 257, 858, 912—
Okla. 73—Pa. 1116—Tex. 450, 748—Va. 4,
37—Wis. 486

SIERRA MACHINE CO.

Fourth and Dwight Wy.
Berkeley 10, Cal.
Cal. 49, 122, 237, 268, 276, 417, 425, 427, 606,
863, 878, 893, 1000, 1030, 1042, 1070, 1196,
1377—Colo. 155—D. C. 30—Fla. 71, 240,
248—Ga. 58—Idaho 12—Ill. 233, 387, 515,
607, 714, 865, 976, 1095, 1183—Ind. 211,
531—Iowa 11, 38, 166—Kan. 100—Md. 36—
Mich. 653, 959, 1125, 1159, 1219, 1319—
Minn. 216—Mo. 167, 196, 454, 606—
N. Y. 291, 442, 531, 979, 982, 1388, 1667—
Ohio 259, 668—Okla. 30, 131—Pa. 243,
1023—R. I. 84—Tenn. 12—Tex. 10, 685—
Wash. 86, 372—Wis. 54, 320, 332—
Canada 565

SIWEK TOOL CO.

2862 E. Grand Blvd.
Detroit 2, Mich.
(See advertisement p. 124)
Ariz. 26, 108—Cal. 286, 1030—Colo. 207—
Ga. 42—Ill. 584—Ind. 70, 365, 531—
Iowa 25, 52, 109—Kan. 130—Mass. 18—
Mich. 873, 1203, 1319—Minn. 167—
Mo. 148, 477—N. J. 379—N. Y. 1312—
Ohio 392, 666, 1280—Okla. 138—Pa. 105,
1056—R. I. 31—Tenn. 203—Tex. 339, 549—
Utah 2, 54—Wis. 220

SIGMA MACHINERY, INC.

2 Park Ave.
New York 16, N. Y.
(See advertisement p. 580)
Cal. 505, 1204—Conn. 284—Md. 143—
Mass. 646—N. Y. 494, 1085

SIGOURNEY TOOL CO.

Div. The Smyth Manufacturing Co.
P. O. Box 2310
Hartford 1, Conn.
Conn. 486

SIGWEL CORP.

224 Glenwood Ave.
Bloomfield, N. J.
Conn. 54—Ill. 69, 1158—Minn. 183—
N. J. 373—N. Y. 626, 864—Pa. 955—
R. I. 74—Wis. 163—Canada 312

SILBER PRODUCTS, INC.

872 Essex St.
Brooklyn 8, N. Y.
(Contact manufacturer direct)

SIMMONS FASTENER CORP.

N. Broadway
Albany 1, N. Y.
(Contact manufacturer direct)

SIMMONS MACHINE TOOL CORP.

N. Broadway
Albany 1, N. Y.
(Contact manufacturer direct)

SIMMONS CO., W. T.

601 Buchanan St., Box 1303
Amarillo, Tex.
(Contact manufacturer direct)

SIMONDS ABRASIVE CO.

Tacony & Fraley St.
Philadelphia 37, Pa.
Cal. 712, 1312—Ill. 681—La. 226—
Mich. 683—Ore. 168

**SIMONDS GEAR &
MANUFACTURING CO., THE**

25th & Liberty Ave.
Pittsburgh 22, Pa.
Mich. 224—Minn. 124—N. Y. 916—
Ohio 640, 1759—Pa. 1154

SIMONDS SAW & STEEL CO.

470 Main St.
Fitchburg, Mass.
Cal. 1312—Ill. 682—La. 226—Mass. 178—
Ore. 169

SIMONDS SAW & STEEL CO.

See Also Heller Tool Co.

SIMPLEX MACHINE TOOL CORP.

4548 W. Mitchell St.
Milwaukee 46, Wis.
Cal. 747, 1198—Conn. 464—D. C. 89—
Ga. 207—Ill. 544, 1005—Ind. 343, 558—
Kan. 79—La. 224—Mass. 142—Mich. 545,
1203—Minn. 177—Mo. 106, 527—Neb. 20—
N. Y. 315, 656, 1365, 1583—Ohio 327,
802—Okla. 30, 131—Ore. 174—Pa. 51, 994,
1240—Tenn. 45—Tex. 273, 747—
Wash. 274, 363—Wis. 313—Canada 31, 92,
130, 134, 219, 267, 467, 511, 633

SIMPLEX TOOL ENGINEERING CO.

2540 Park Ave.
Detroit 1, Mich.
Ill. 501—Mich. 1057—N. J. 525—
Ohio 1262, 1410—Wis. 352

SIMPSON ELECTRIC CO.

Div. of American Gage & Machine Co.
5200 W. Kinzie St.
Chicago 44, Ill.
(Contact manufacturer direct)

**SIMPSON OPTICAL
MANUFACTURING CO.**

3200 W. Carroll Ave.
Chicago 24, Ill.
(Contact manufacturer direct)

MANUFACTURERS

SINCLAIR-COLLINS VALVE CO.

454 Morgan Ave.
Akron 11, Ohio
Ala. 138—Cal. 158, 930, 969, 1467—Colo. 9—
Ga. 37—Ill. 684—Ind. 306—Ky. 126—
La. 93—Md. 87—Mass. 284—Mich. 684—
Minn. 103—Mo. 37, 391—N. J. 88—
N. Y. 543, 1531—N. C. 81—Ohio 1319,
1419—Ore. 154—Pa. 806, 1274—Tex. 605—
Wash. 94—W. Va. 29—Wis. 377—
Canada 61, 356, 450, 553

SINCLAIR REFINING CO.

600 Fifth Ave.
New York 17, N. Y.
Colo. 180, 186—Fla. 113, 204, 329—Ga. 211,
319—Ill. 685, 1258—Ind. 11—Iowa 130—
Ky. 114—Md. 142—Mich. 136—
Minn. 221—Miss. 25—Mo. 8, 217—
Neb. 60—N. Y. 31, 340, 603, 666, 1090—
N. C. 121, 233—Ohio 1724—Okla. 155—
Pa. 357, 713—S. C. 22—Tenn. 266—
Tex. 309, 456, 701, 860—Utah 87—
Va. 110—Wis. 378

SINTERCAST CORP. OF AMERICA

134 Woodworth Ave.
Yonkers 2, N. Y.
Ala. 64—Cal. 36, 45—Conn. 27, 267, 435—
D. C. 42—Ill. 954, 973—Ind. 423—
Md. 104—Mass. 105, 150—Mich. 608, 895,
997—Minn. 316—N. J. 235—N. Y. 687, 992,
1375A—Ohio 43, 855, 1294, 1655—Pa. 637,
1011—R. I. 25—Tenn. 47—Wash. 258—
Canada 179

SIZE CONTROL CO.

2500 W. Washington Blvd.
Chicago 12, Ill.
Ariz. 49—Cal. 678, 1470—Colo. 38—
Ga. 148—Ind. 250—Iowa 25—Mass. 455—
Mich. 401, 970—Minn. 158—Mo. 233, 289—
N. Y. 1147, 1376—Ohio 581—Pa. 358,
1118—Tenn. 124—Tex. 741—Utah 24—
Wis. 220—Canada 229, 500

SKIDMORE GEAR CO.

17045 Euclid Ave.
Cleveland 12, Ohio
Mich. 85

SKIDMORE-WILHELM MANUFACTURING CO.

442 Green Rd.
Cleveland 21, Ohio
Ill. 982—Wis. 253

SKIL CORP.

5033 Elston Ave.
Chicago 30, Ill.
Ala. 140—Ariz. 76—Cal. 716, 1313—
Colo. 187—Fla. 205—Ga. 212—Ill. 898—
Iowa 131—La. 176—Md. 144—Mass. 179—
Mich. 686—Minn. 222—Mo. 219, 539—
N. J. 200—N. Y. 341, 1091—N. C. 122—
Ohio 407, 928—Okla. 42—Ore. 170—
Pa. 714, 1093—Tenn. 200—Tex. 310, 702—
Wash. 360—Wis. 379

SKINNER CHUCK CO., THE

95 Edgewood Ave.
New Britain, Conn.
(See advertisement p. 312)
Cal. 407, 675, 1287, 1342—Conn. 335—
Ga. 136—Ill. 689—Mich. 1224—N. J. 501—
N. Y. 907—Ohio 260, 277, 1538—Pa. 219—
Tex. 227

SKINNER ELECTRIC VALVE DIV.

The Skinner Chuck Co.
95 Edgewood Ave.
New Britain, Conn.
(See advertisement p. 313)
Ala. 182—Ariz. 5, 100—Cal. 203, 843, 927,
1156, 1349, 1445—Colo. 22—Conn. 44, 212,
277—Ga. 101—Ill. 37, 317, 558—Ind. 276,

506—Kan. 64—Ky. 72—La. 146—Md. 48—
Mass. 299, 488—Mich. 351, 389, 444, 915,
1224—Minn. 36—Mo. 43, 391—N. J. 263,
356, 501—N. Y. 140, 282, 306, 451, 917,
1221, 1318, 1359, 1448, 1579—N. C. 72—
Ohio 46, 287, 714, 901, 1120, 1314, 1414,
1638, 1636—Okla. 71—Ore. 104, 154—
Pa. 53, 153, 178, 414, 1078—R. I. 22—
Tenn. 59, 148—Tex. 371, 489—Utah 76—
Va. 116—Wash. 154—W. Va. 81—
Wis. 158—Canada 27, 69, 356, 553

SLOAN & CHACE

MANUFACTURING CO., INC.
344 Hickory St.
Kearny, N. J.
N. J. 229

SLOCOMB CO., J. T.

68 Matson Hill Rd.
South Glastonbury, Conn.
Kan. 25—Mich. 970—N. Y. 18, 734—
Ohio 212

SMIT & CO., INC., ANTON

111 Eighth Ave.
New York 11, N. Y.
Ariz. 68—Cal. 668, 1264—Fla. 279—
Ga. 204—Ill. 663—Ind. 411—Md. 148—
Mass. 610—Mich. 935—Minn. 183—
Mo. 100, 250—N. J. 267, 278—N. Y. 462,
1258—Ohio 658—Pa. 888—Tex. 549

SMIT & SONS, INC., J. K.

571 Central Ave.
Murray Hill, N. J.
Conn. 492—Ill. 690—Mich. 1033—
N. J. 304—Ohio 1319A—Pa. 1095, 1273—
Tex. 703—Wis. 380

SMITH, F. E.

840 S. Main St.
Attleboro, Mass.
(Contact manufacturer direct)

SMITH & MILLS SHAPER DIV.

Nebel Machine Tool Corp.
3401 Central Pkwy.
Cincinnati 25, Ohio
Ala. 112, 203—Ark. 10, 25—Cal. 54, 254,
704, 753, 1265, 1310—Colo. 105, 142—
Conn. 123, 308—D. C. 18, 95—Fla. 71, 156,
304—Ga. 18, 58, 234, 333—Idaho 13—
Ill. 544, 1005—Ind. 343—Iowa 107, 155—
Kan. 79—La. 166, 224—Md. 33—Mass. 57—
Mich. 715, 1016—Minn. 177—Mo. 106, 319,
418, 433—Neb. 32—N. M. 3—N. Y. 355,
722, 1004, 1085, 1139, 1143, 1413, 1465,
1611—N. C. 26, 38, 186, 196—N. D. 5—
Ohio 254, 403, 802, 1079, 1123, 1225, 1315,
1640—Okla. 22, 104—Ore. 153—Pa. 210,
510, 747, 806, 1133—S. C. 5, 14—Tenn. 33,
67, 254—Tex. 214, 401, 604, 848—Utah 54,
65—Va. 28, 41, 48, 52, 112, 143—Wash. 76,
274, 363—W. Va. 12—Wis. 313

SMITH & SON, INC., JAMES

982 Southbridge St.
Worcester 10, Mass.
Conn. 353—Ill. 166—Ind. 378, 387—
Md. 48—Mass. 480, 608—Mich. 425—
Mo. 548—N. J. 356—N. Y. 99, 1130, 1391,
1395, 1623—Ohio 445, 1494, 1638, 1721—
Pa. 414, 1133—R. I. 22—Canada 69, 165,
423

SMITH WELDING EQUIPMENT CORP.

2633 Fourth St., S. E.
Minneapolis 14, Minn.
Cal. 134, 247, 291, 888, 1531—Colo. 173—
Fla. 281—Ill. 937—Ind. 472—Iowa 19—
Kan. 122—La. 33—Minn. 22, 156, 239—
Mo. 18, 269—Mont. 10—N. H. 26—
N. J. 526, 527—N. Y. 541A, 1702—
N. C. 71—Ohio 355—Ore. 176—Pa. 125—
S. D. 11—Tex. 321, 849—Va. 111—
W. Va. 20—Wis. 465—Canada 2, 255

SMYTH MANUFACTURING CO., THE

See Sigourney Tool Co.

SNAP-ON TOOLS CORP.

8028 28th Ave.
Kenosha, Wis.
Ala. 142—Ariz. 77—Cal. 723, 933—
Colo. 189—Fla. 115, 207—Ga. 213—
Ill. 693, 1123—Ind. 401—Iowa 132—
Ky. 116—La. 51—Md. 146—Mass. 180—
Mich. 692—Minn. 224—Mo. 220, 541—
Mont. 20—Neb. 61—N. J. 400—N. Y. 33,
135, 343, 1094, 1804—N. C. 126—Ohio 409,
1045, 1671—Okla. 43—Pa. 266, 717, 1096—
Tex. 312, 704, 793, 861—Utah 89—
Va. 113—Wash. 267—Wis. 381

SNOW MANUFACTURING CO.

Div. of Ferdinand J. Snow Co.
333 Old Hook Rd.
Westwood, N. J.
(Contact manufacturer direct)

SNOW MANUFACTURING CO.

435 Eastern Ave.
Bellwood, Ill.
Cal. 489—Conn. 302—Ill. 402—Iowa 77—
Mich. 43, 339—Minn. 109—Mo. 420—
N. Y. 526, 1348, 1563—Ohio 1719—
Pa. 761—Tex. 194—Canada 477

SNYDER CORP.

3400 E. Lafayette Ave.
Detroit 7, Mich.
(See advertisement p. 13)
Cal. 468—Ill. 1076, 1214—Mich. 841—
N. Y. 1469—Ohio 1629—Tex. 676—
Canada 140

SOCONY MOBIL OIL CO., INC.

150 E. 42nd St.
New York 17, N. Y.
Cal. 496—Ill. 694—Mass. 181—Mich. 693—
Minn. 225—Mo. 221—N. Y. 34, 344, 1095—
Pa. 718—Tex. 257

SOLAR CO.

Div. of (Brown Tool Manufacturing Co.)
9422 Trenton Ave.
Overland 14, Mo.
Mass. 531—Ohio 1476, 1559—Wis. 67

SOMERSET TOOL CO.

220 Virginia St.
Hillside 5, N. J.
(Contact manufacturer direct)

SOMMA TOOL CO., INC.

106 Scott Rd.
Waterbury 20, Conn.
Ala. 64, 164—Ariz. 33, 108—Cal. 49, 230,
1060, 1144—Colo. 83—Conn. 476—
Fla. 182—Ga. 81—Ill. 166—Ind. 423—
La. 217—Mich. 734—Minn. 109—Mo. 243,
295—N. J. 44, 607—N. Y. 1568—N. C. 114—
Ohio 963, 423, 1682—Ore. 61—Pa. 1123,
1296—R. I. 66—S. C. 61—Tex. 150—
Wash. 258—Wis. 371—Canada 578, 613, 637

SONNET TOOL & MANUFACTURING CO.

580 N. Prairie Ave.
Hawthorne, Cal.
(Contact manufacturer direct)

SOPKO & SONS CO., WM.

140 E. 267th St.
Cleveland 32, Ohio
Conn. 133—Ill. 1151—Ind. 153—Md. 61—
Mich. 237—N. J. 114, 201

SORENSEN CENTER-MIKES, INC.

264 Kossuth St.
Bridgeport 8, Conn.
(Contact manufacturer direct)

SOSSNER TAP AND TOOL CORP.

29 Broadway
Lynbrook, N. Y.
Ala. 110—Cal. 584—Fla. 43—Ga. 229
Ind. 365—Mass. 455, 686—Mo. 5—
N. J. 159—N. C. 106—Ohio 1441—
Pa. 898—Tenn. 124—Tex. 218—Wis. 127

SOUTH BEND LATHE WORKS

425 E. Madison St.
South Bend 22, Ind.
(Contact manufacturer direct)

SOUTHCOR DIV.

South Chester Corp.
Lester
Pennsylvania, Pa.
Cal. 725, 740, 908—Conn. 230—
Ill. 697—Ind. 296—Iowa 90—Md. 147—
Mass. 182—Mich. 484—Minn. 294—Mo. 78,
454—N. Y. 1098—N. C. 108—Ohio 410,
720—Okla. 158—Pa. 345A, 1066—Tex. 218,
706—Utah 81—Wash. 12—Canada 51, 296,
404, 655

SOUTHERN MACHINE TOOL CO.

Conyers, Ga.
Ga. 27, 218, 279

SPAULDING FIBRE CO., INC.

310 Wheeler
Tonawanda, N. Y.
(Contact manufacturer direct)

SPECIAL CHEMICALS CORP.

100 S. Water St.
Oasining, N. Y.
Cal. 1052—Conn. 214—Fla. 348—Ill. 469—
Ind. 22—La. 131—Md. 164—Mass. 519,
695—Mich. 782, 1336—N. J. 124, 363—
N. Y. 113, 305, 1684—N. C. 183—
Ohio 4, 156, 1068, 1482—Pa. 10, 626, 756,
1139—R. I. 57—S. D. 14—Va. 33

SPECIAL DRILL & REAMER CORP.

Box 604, Oakridge Station
Royal Oak, Mich.
Conn. 121—Mich. 58, 195, 332, 1200—
N. Y. 414—Ohio 471—Wis. 246

SPECIAL ENGINEERING SERVICE, INC.

8161 Livernois
Detroit 27, Mich.
Cal. 359—Conn. 233—Ill. 222—Ind. 267—
Mich. 948—Minn. 298—Mo. 605—
N. Y. 180—Ohio 76, 1388—Pa. 590, 995—
Wis. 328

SPECTOL CORP.

See Hardy Tool & Machine Div.

SPEED-D-BURR CORP.

3613 San Fernando Rd.
Glendale 4, Cal.
Cal. 1071, 1220—Ohio 836—Ore. 93—
Wash. 143, 340

SPEEDEX PRECISION PRODUCTS

1301 Olympic Blvd.
Montebello, Cal.
Ariz. 94—Cal. 49, 562, 658, 1224

SPEEDGRIP CHUCK

Division of Ernest, Holdeman &
Collet, Inc.
820 N. Ward St.
Elkhart, Ind.
Cal. 508—Ill. 1085, 1105—Ind. 227—
Mass. 32—Mich. 1285—Minn. 112—
Mo. 289—N. Y. 1443—N. C. 114—Ohio 279,
918—Pa. 1240—Wis. 78, 127

SPEED SELECTOR, INC.

516 E. Washington St., P. O. Box 312
Chagrin Falls, Ohio
Cal. 26, 431, 940, 1095, 1289—Conn. 128,
341, 353—Fla. 84, 172, 246, 251, 331—
Ill. 660—Ind. 111, 276, 541—Iowa 61—
Md. 172—Mass. 161, 424, 516, 649—
Mich. 865, 1136, 1303, 1310—Minn. 170—
Mo. 380—Neb. 55—N. J. 332, 422, 459—
N. M. 40—N. Y. 126, 332, 733, 1314, 1615,
1617—N. C. 96, 163—Ohio 1, 195, 486,
553, 1658—Ore. 88—Pa. 157, 252, 742,
1121—R. I. 62—Tex. 126, 346—
Wash. 381—Wis. 49, 88—Canada 251

SPELLMAN MANUFACTURING CO., R. L.

622 College Wy.
Urbana, Ohio
(Contact manufacturer direct)

SPEARMAN METAL SPECIALTIES

2199 E. 21st St.
Brooklyn 29, N. Y.
Cal. 606

SPIRER PRODUCTS, INC.

Shelter Rock Rd.
Danbury, Conn.
Ala. 145—Cal. 729—Ill. 958—Mass. 33—
Mich. 697—Ohio 935—Pa. 1098, 1282—
Tex. 712—Canada 463

SPIRAL STEP TOOL CO.

5400 N. Damen Ave.
Chicago 25, Ill.
(Contact manufacturer direct)

SPITFIRE TOOL & MACHINE CO.

2931 N. Pulaski Rd.
Chicago 41, Ill.
Ariz. 88—Cal. 536, 704, 1207—Colo. 155—
D. C. 30—Ind. 277—Kan. 127—Ky. 84—
La. 184—Mass. 455—Mich. 714—
Minn. 299, 275—Mo. 418—Neb. 32—
N. J. 64, 201—N. Y. 1069—N. C. 219—
Ohio 445, 1018, 1280—Ore. 93—Pa. 604,
821—Tenn. 34—Tex. 277, 747—Canada 83,
429, 612

SPITTLER, INC., HENRY A.

Monroe, N. Y.
(Contact manufacturer direct)

SPLINE-MASTER SALES

ENGINEERING CO.
18401 E. Warren Ave.
Detroit 36, Mich.
Ga. 81—Ill. 602—Ind. 465—Mass. 673—
N. J. 542—N. Y. 1606—Ohio 596, 1188

SPRINGFIELD CAST PRODUCTS, INC.

123 Switzer Ave.
Springfield 9, Mass.
(Contact manufacturer direct)

SPRINGFIELD MACHINE TOOL CO., THE

631 W. Southern Ave.
Springfield, Ohio
Ala. 106—Cal. 753, 1310—Colo. 92—
Conn. 292—D. C. 95—Fla. 57—Ga. 18—
Ill. 308—Ind. 24, 227—La. 101—
Mass. 103—Mich. 625—Minn. 11—Mo. 66,
433—N. Y. 222, 881, 1443—N. C. 26—
Ohio 346, 376, 819, 1556—Pa. 484, 806—
Tenn. 92—Tex. 273, 736—Wash. 172

SPUCK IRON & FOUNDRY CO.

3145 N. 14th St.
St. Louis 7, Mo.
(Contact manufacturer direct)

SQUARE D CO.

4041 N. Richards St.
Milwaukee 12, Wis.
(Contact manufacturer direct)

STAATS & STAATS, INC.

Rte. 30 East and Thompson Rd.
Irwin, Pa.
(Contact manufacturer direct)

STACE-ALLEN CHUCK, INC.

1242 Shepard St.
Indianapolis 21, Ind.
Ariz. 21—Cal. 326—Ill. 166—Ind. 206,
358—Mich. 1122, 1230, 1340—Mo. 200—
N. H. 27—N. J. 481—N. Y. 1544—Ohio 374,
822, 1654—Pa. 467, 920—Tex. 370—
Wis. 401

STADOIL MANUFACTURING CO.

3300 N. Durfee Ave.
El Monte, Cal.
Conn. 481—Ill. 897, 1235—Ind. 441—
Mass. 80—Mich. 400, 289, 1198—N. J. 335,
466, 536—Ohio 1255, 1490—Pa. 158, 514,
1355—Tex. 799

STAHL GEAR & MACHINE CO., THE

3901 Hamilton Ave.
Cleveland 14, Ohio
(Contact manufacturer direct)

STANDARD BUSHING MANUFACTURERS, INC.

1485 Elmwood Ave.
Providence 7, R. I.
Conn. 495—Ind. 403—Mich. 700—Pa. 404

STANDARD CONVEYOR CO.

330 N. W. Second St.
North St. Paul 9, Minn.
Ala. 114—Cal. 731, 1101A—Colo. 137—
Conn. 395—Fla. 335—Ga. 295—Ill. 702,
1250—Ind. 46, 116, 314—La. 155—
Md. 111—Mass. 338—Mich. 613, 993,
1185—Mo. 98, 373—Neb. 37—N. M. 48—
N. Y. 1101, 1419, 1599, 1641—N. C. 59—
Ohio 401, 712, 938, 1120, 1314—Okla. 8,
140—Ore. 50—Pa. 307, 381, 1017—
Tenn. 44, 94, 110—Tex. 112, 353, 691,
841—Utah 109—Va. 100—Wash. 106—
W. Va. 22—Wis. 382

STANDARD DIAMOND TOOL CORP.

71 W. 47th St.
New York 36, N. Y.
Cal. 730—Ohio 1672

STANDARD DIE SET CO.

A Div. of Harsco Corp.
1485 Elmwood Ave.
Providence 7, R. I.
(See advertisement p. 58)
Conn. 495—Ind. 403—Mich. 700—
Pa. 404—R. I. 75

STANDARD ELECTRIC MANUFACTURING CO., INC.

Haddon Ave.
West Berlin, N. J.
Pa. 670

STANDARD ELECTRICAL TOOL CO., THE

2490 River Rd.
Cincinnati 4, Ohio
Cal. 593—Conn. 507—Ga. 38—Ill. 1283—
Kan. 38—La. 123—Md. 132—N. Y. 273,
514A—Ohio 239, 249—Pa. 1288

STANDARD GAGE CO., INC.

70 Parker Ave.
Poughkeepsie, N. Y.
Ala. 6—Cal. 717, 878—Colo. 92—
Conn. 496—Ill. 921A—Ind. 423—
Iowa 172—Mass. 474—Mich. 702, 1136—
Minn. 242—Mo. 477—N. J. 504—
N. Y. 405—Ohio 423, 963, 1682—Pa. 339—
Tex. 30, 676—Wash. 50—Canada 182, 311,
492, 532

MANUFACTURERS

STANDARD HORSE NAIL CORP.

New Brighton, Pa.
Cal. 1489—Mass. 390—Mich. 88—
N. Y. 1057—Pa. 820—Tenn. 24

STANDARD-MODERN TOOL CO., LTD.

Manufacturing Div.
69 Montclair Ave.
Toronto 10, Province Ontario
Canada 12, 33, 35, 37, 43, 99, 102, 132, 137,
160, 227, 246, 253, 268, 271, 295, 432, 477,
487, 509, 639

STANDARD OIL COMPANY OF CALIFORNIA

Western Operations, Inc.
225 Bush St.
San Francisco 20, Cal.
Ariz. 80—Cal. 178, 732, 1025, 1315—
Ore. 173—Utah 93—Wash. 272, 362

STANDARD OIL COMPANY (INDIANA)

910 S. Michigan Ave.
Chicago 80, Ill.
Ill. 703—Ind. 404—Iowa 134—Mich. 703—
Minn. 226—Mo. 223, 544—Wis. 385

STANDARD PARTS CO.

1000 Broadway
Bedford, Ohio
Cal. 219, 346, 1042, 1377—Colo. 207—
Conn. 282—Ga. 108—Ill. 267, 982—
Ind. 79, 219—Kan. 76—Mass. 340—
Mich. 413—Minn. 61—Mo. 66, 531—
N. J. 393—N. Y. 1590, 1638—N. C. 270—
Ohio 972, 1224, 1542—Okla. 131—Pa. 412,
554—Tex. 205—Wash. 86—Wis. 383—
Canada 426

STANDARD PRESSED STEEL CO.

Box 786
Jenkintown, Pa.
Cal. 144—Ill. 704—Mich. 704

STANDARD PRESSED STEEL CO.

See Also Cleveland Cap Screw Co., The

STANDARD SCREW CO.

See Chicago Screw Co.

STANDARD SHOP EQUIPMENT CO.

82nd & Tincum Ave.
Philadelphia 42, Pa.
(Contact manufacturer direct)

STANDARD STEEL SPECIALTY CO.

P. O. Drawer 20
Beaver Falls, Pa.
(Contact manufacturer direct)

STANDARD TOOL CO.

3950 Chester Ave.
Cleveland 14, Ohio
(Contact manufacturer direct)

STANDARD TOOL CO.

217 Hamilton St.
Leominster, Mass.
Cal. 13, 1454—Ill. 547, 1035—Mich. 183—
N. Y. 1102

STANDARD TOOL & MANUFACTURING CO.

237 Laurel Ave.
Kearny, N. J.
(Contact manufacturer direct)

STANLEY WORKS, THE

195 Lake St.
New Britain, Conn.
(Contact manufacturer direct)

STAPLE ENGINEERING CO.

1315 S. Woodward Ave.
Birmingham, Mich.
(Contact manufacturer direct)

STAPLES TOOL CO., THE

Div. of National Twist Drill & Tool Co.
2352 Glendale-Milford Rd.
Cincinnati 15, Ohio
(Contact manufacturer direct)

STA-PUT LITE & EQUIPMENT CORP.

1502 S. 44th St.
Milwaukee 14, Wis.
Cal. 326—Conn. 165, 272—Ind. 500, 550—
Mass. 102, 200—Mich. 1331—N. J. 625—
Okla. 111—Tex. 463—Wis. 11, 74, 186, 454

STAR MACHINE & TOOL CO.

201 S. E. Sixth St.
Minneapolis 14, Minn.
Cal. 48, 136—Colo. 35—Fla. 282, 294—
Ga. 308—Ill. 463, 646—Ind. 173—
Kan. 35—Mass. 612—Minn. 326—
N. J. 256, 430—Ore. 83, 182—Tenn. 142—
Tex. 261, 336—Utah 64, 94

STARK TOOL CO.

Box 288
Ann Arbor, Mich.
Cal. 523, 1071, 1207—Conn. 190—
N. Y. 477—Ohio 1410—Pa. 536—Va. 66

STARLITE INDUSTRIES, INC.

58th & Market St.
Philadelphia 39, Pa.
Ala. 64—Cal. 417, 878—Conn. 443—
D. C. 30—Ga. 52—Ill. 610, 720—Ind. 110,
376—Iowa 122—Md. 78—Mass. 484, 680—
Mich. 48, 364, 1204—Minn. 112, 189—
Miss. 23—Mo. 214, 505—N. J. 278, 326,
466—N. Y. 80, 638, 1258—N. C. 26, 191—
Ohio 377, 461, 727, 1102—Ore. 135—
Pa. 67, 398, 640, 1087, 1217, 1299—
Tenn. 106, 163—Tex. 607—Va. 43, 125,
149—Wash. 280—Wis. 303—Canada 633

STARRETT CO., THE L. S.

1-165 Crescent St.
Athol, Mass.
(See advertisement p. 225)
Cal. 733—Ill. 708—N. Y. 1103—
Canada 454

STAYPUT CLAMP & COUPLING CO.

3975 York St.
Denver 5, Colo.
(Contact manufacturer direct)

STA-WARM ELECTRIC CO.

121 N. Chestnut St.
Ravenna, Ohio
Cal. 1266—Conn. 253—Fla. 9A—Ga. 23—
Ill. 745—Ind. 202—Iowa 77—Md. 127—
Mass. 160—Mich. 689—Minn. 250—
N. J. 90—N. Y. 307, 1360—Ohio 408,
498—Pa. 238—Tenn. 253—Tex. 359,
742—Wis. 223

STEBAR CO.

217 28th Ave., N.
Minneapolis 11, Minn.
Cal. 600, 606, 1177—Ill. 318, 357—Ind. 273,
441—Mich. 184, 203, 223, 774, 1248—
N. Y. 1291—Ohio 606, 946, 1639—
Pa. 418—Tex. 112

STECO CORP., THE

308 Cross St., P. O. Box. 2238
Little Rock, Ark.
Cal. 1528—Conn. 248—Ga. 280—Ill. 420—
Mo. 200—N. J. 518—N. M. 24—
N. Y. 1559—Ohio 1603—Canada 287

STEEL CITY TESTING MACHINES, INC.

8817 Lyndon Ave.
Detroit 38, Mich.
Cal. 274, 1387—Ill. 679—Ind. 409—
Mass. 610—Mich. 175—N. J. 135—
Ohio 262, 672—Pa. 1102—Tex. 317, 549—
Wis. 292—Canada 542

STEEL CITY TESTING MACHINES, INC.

See Also Hi-Lo Products Co. Div.

STEEL PRODUCTS ENGINEERING CO.

Div., Kelsey-Hayes Co.
1205 W. Columbia St.
Springfield, Ohio
(Contact manufacturer direct)

STEFFAN MANUFACTURING CORP.

1585 S. Lincoln Ave.
Salem, Ohio
Cal. 1097, 1340—Ga. 15—Ill. 355—
La. 198—Mich. 1330—Mo. 461—Neb. 59—
N. Y. 1573—Pa. 541 1142—Tex. 420, 509—
Wash. 274—W. Va. 31—Wis. 274

STEIN & CO., INC., WM. P.

424 St. Paul St.
Rochester 5, N. Y.
(Contact manufacturer direct)

STEPTOOL CORP.

3613 E. Olympic Blvd.
Los Angeles 23, Cal.
Cal. 717—Colo. 155—Conn. 53—Ga. 181—
Ill. 94, 1175—Ind. 197—Ky. 58—Mass. 385,
597—Mich. 490, 865, 1203—Neb. 32—
N. Y. 234, 678, 1611—N. C. 137—Ohio 891,
1280—Pa. 196, 480, 1004—Tenn. 34—
Va. 52—Wis. 320

STERLING ELECTRIC MOTORS, INC.

5401 Telegraph Rd.
Los Angeles 22, Cal.
Ala. 147—Cal. 735, 1317—Colo. 194—
Conn. 65—Fla. 255—Ga. 222—Ill. 712,
1010—Kan. 27—Md. 149—Mass. 442—
Mich. 706—Minn. 228—Mo. 549—
N. Y. 1106, 1406, 1663—N. C. 188—
Ohio 413, 941, 1321, 1675—Ore. 175—
Pa. 364, 721, 1105—Tenn. 206—Tex. 320,
718—Utah 95—Wash. 279—Wis. 390—
Canada 90, 212

STERLING GRINDING WHEEL CO.

P. O. Box 801
Tiffin, Ohio
Ala. 2, 117, 173, 209—Ariz. 4—Cal. 660,
1162, 1502—Colo. 8—D. C. 30—Fla. 175—
Ga. 80, 309—Ill. 51, 173, 362, 376, 387, 585,
587, 713, 819, 837, 851, 935, 1114, 1168—
Ind. 27, 47, 102, 273, 464, 517, 599—
Iowa 13, 41, 122, 139, 146—Kan. 54, 117—
Ky. 65, 137—La. 192—Md. 70—Mich. 676,
685, 707, 1099, 1130, 1211, 1323, 1343—
Minn. 223, 257, 322—Mo. 31, 102, 409, 469,
594—Neb. 42—N. J. 65—N. Y. 120, 362,
746, 804, 1417, 1502—Ohio 48, 109, 380,
516, 942, 1106, 1123, 1280, 1448, 1535, 1628,
1637, 1709—Pa. 325, 722, 836—Tenn. 48,
192—Tex. 471, 731, 864, 882—W. Va. 7—
Wis. 54, 408

STEVENS, INC., FREDERIC B.

1800 18th St.
Detroit 16, Mich.
Conn. 306—Ill. 1273—N. Y. 349—Ohio 943,
1552—Wis. 391

MANUFACTURERS

STEVENS CO., THE JOHN B.

Sommerville, Conn.

(Contact manufacturer direct)

STEVENS WALDEN, INC.

100 Shrewsbury St.
Worcester 4, Mass.

(Contact manufacturer direct)

STEWART-WARNER CORP.

See Alemite Div.

STICHT CO., INC., HERMAN H.

27 Park Pl.
New York 7, N. Y.

Cal. 93—Conn. 253—Fla. 259—Ga. 231—
Ill. 535—La. 141—Md. 219—Mass. 158—
Mich. 172—Minn. 250—Mo. 446—N. Y. 9,
281, 1386, 1513—Ohio 164, 1040—Okla. 84—
Ore. 114—Pa. 666, 843—Tex. 514—Wis. 237

STIMPSON CO., INC., EDWIN B.

70 Franklin Ave.
Brooklyn 5, N. Y.

(Contact manufacturer direct)

STOCKER AND YALE, INC.

40 Green St.
Marblehead, Mass.

Ariz. 46—Cal. 1526—Conn. 51—Ill. 41—
Ind. 299—Mass. 388, 498—Mich. 821—
Minn. 180—N. Y. 975, 1391—Ohio 1622

STOKES CORP., F. J.

5500 Tabor Rd.
Philadelphia 20, Pa.

Cal. 982—Conn. 345, 388—Ga. 224—
Ill. 715—N. J. 593—N. Y. 1408—Ohio 944,
1322—Pa. 724—Canada 456

STOKVIS EDERA & CO., INC.

18 Secatoag Ave.
Port Washington, N. Y.

STONE MACHINERY CO., INC.

31 Fayette St.
Manlius, N. Y.

Ala. 169—Ariz. 112—Cal. 254, 1265—
Colo. 75—Conn. 473—D. C. 89—Fla. 69,
90, 171—Ga. 181—Ill. 297, 863, 1158—
Ind. 259—Iowa 9—Kan. 127—Ky. 84—
La. 192—Mass. 142—Mich. 403—
Minn. 312—Miss. 29—Mo. 470—Neb. 46—
N. M. 25—N. Y. 285, 656, 1234, 1585—
N. C. 91—Ohio 1453—Ore. 153—Pa. 716,
1004—S. C. 54—Tenn. 34—Tex. 214—
Va. 28—Wash. 274—Wis. 387—Canada 17,
47, 478, 640

STORACK CORP.

315 N. Ada St.
Chicago 7, Ill.

(Contact manufacturer direct)

STOW MANUFACTURING CO.

Shear St.
Binghamton, N. Y.

Ala. 1, 49, 70, 86, 109, 112, 117, 154, 169,
170, 172, 173, 175, 176, 177, 203, 208, 209,
213, 215, 216, 224—Ark. 26, 28—Cal. 348,
753, 890, 914, 1021, 1069, 1260, 1325, 1377—
Colo. 142—Conn. 54, 334—Del. 3, 11, 12—
D. C. 18—Fla. 2, 16, 17, 35, 49, 71, 75, 88,
90, 134, 156, 172, 182, 200, 228, 240, 248,
251, 263, 264, 266, 292, 293, 300, 304, 305,
313, 318, 341—Ga. 3, 4, 32, 46, 108, 181,
193, 194, 255, 261, 265, 267, 275, 276, 277,
278, 300, 309, 312, 313, 316, 320, 328, 333,
335, 337, 339, 342, 345, 347, 348, 349—
Idaho 13—Ill. 340, 714, 851, 933, 1094—
Ind. 52, 92, 142, 261, 273, 361—Iowa 21,

56, 90, 138, 160—Kan. 6, 8, 10, 90, 93, 99,
132—Ky. 46—La. 19, 36, 100, 123, 192,
224—Me. 3, 8, 17—Md. 33, 161, 197, 208—
Mass. 69, 71, 355, 530, 540, 649—Mich. 30,
598, 714, 1096, 1257—Minn. 11, 130, 288—
Miss. 9, 14, 17, 20—Mo. 157, 469—Neb. 2,
23—N. J. 93, 103, 230, 328, 332, 349, 559,
578, 580—N. M. 32, 52—N. Y. 27, 44, 46,
65, 70, 72, 94, 125, 151, 152, 306, 442, 445,
451, 492, 530, 531, 558, 567, 608, 670, 684,
697, 738, 746, 784, 983, 1010, 1029, 1205,
1245, 1251, 1359, 1367, 1579, 1611, 1625,
1643—N. C. 5, 6, 7, 39, 45, 74, 91, 125, 131,
133, 137, 145, 179, 181, 191, 194, 208, 214,
220, 221, 222, 236, 237, 242, 245, 248, 255,
256, 260, 267, 271—Ohio 102, 157, 782,
1015, 1181, 1225, 1654, 1753—Okla. 22, 146,
167—Ore. 71—Pa. 13, 36, 169, 176, 178,
197, 214, 229, 309, 318, 344, 348, 373, 441,
489, 544, 599, 709, 744, 847, 1053, 1061,
1189, 1203, 1205, 1207, 1216, 1280, 1294,
1301, 1303, 1355—R. I. 74—S. C. 5, 10, 21,
24, 33, 36, 51, 63, 77—Tenn. 1, 2, 9, 28, 32,
33, 34, 58, 70, 102, 103, 105, 122, 123, 131,
140, 143, 148, 161, 170, 182, 184, 187, 191,
192, 195, 230, 231, 244, 249, 252, 255, 259,
270—Tex. 10, 35, 69, 198, 255, 284, 401,
402, 463, 685, 738, 744, 766, 801, 812,
864—Utah 49, 65—Vt. 11, 20—Wash. 102,
260, 274, 303, 334—W. Va. 28, 37, 40, 66,
77, 78—Wis. 79, 362A—Canada 3, 14, 52,
100, 108, 135, 175, 188, 193, 236, 258, 324,
495, 542, 645, 663, 665

STRAND FLEXIBLE SHAFT, INC., N. A.

601 S. Washtenaw Ave.
Chicago 12, Ill.

Ala. 169—Cal. 745, 984, 1252, 1265—
D. C. 13—Fla. 71, 155—Ga. 193—
Ind. 75, 295, 369, 573—Kan. 110—Ky. 98—
La. 192, 231—Md. 25, 58—Mass. 205—
Mich. 223, 956, 1102, 1159, 1140, 1207—
Minn. 216, 301—Mo. 103, 106, 359—
N. J. 228, 306, 627—N. Y. 125, 179, 901,
1159, 1304—N. C. 174—Ohio 290, 302, 946,
1091, 1128, 1199, 1259, 1607—Okla. 22,
131—Ore. 97—Pa. 417, 615, 1000, 1097,
1101, 1337—Tenn. 148—Tex. 747—
Wash. 149, 342—Wis. 433—Canada 478,
518, 640, 651

STUART OIL CO., LTD., D. A.

2727 S. Troy St.
Chicago 23, Ill.

Cal. 595, 1414—Colo. 228—Conn. 216—
Ind. 319—Kan. 16—Mass. 188—
Mich. 716—Minn. 216—Mo. 431—N. J. 6—
N. Y. 1543—Ohio 381, 948, 1333—
Ore. 97—Pa. 726—Tex. 297, 484—
Canada 284

STUDEBAKER HYDRAULIC

PRODUCTS CO.

1733 N. 33rd Ave.
Melrose Park, Ill.

Conn. 119—Del. 15—Ill. 1038—Ind. 346—
Mass. 429—Mich. 625—Minn. 166—
Mo. 470—Ohio 865—Pa. 984—Wis. 376—
Canada 407, 571

STUECK, INC., W. WHITNEY

44 Boston Post Rd.
Old Saybrook, Conn.

Ariz. 112—Cal. 243, 951—Conn. 284, 370,
477—Fla. 124, 172—Ill. 193, 261—Ind. 91—
Iowa 99—Md. 120—Mass. 270—Mich. 412,
426—Minn. 117, 171—Mo. 460—Neb. 32—
N. Y. 647, 682, 1070—Ohio 742, 1018—
Ore. 153—Pa. 11, 14, 123, 612—R. I. 74—
Tex. 109—Va. 28—Wash. 225, 313

STUPALOX DIV.

The Carborundum Co.
Hillview Ave.
Latrobe 4, Pa.

Cal. 650—Mich. 956, 1150, 1252

STURDIMATIC TOOL CO.

3932 "F" St.
Detroit 16, Mich.

Cal. 326, 600—Ill. 714—Ind. 161—

Iowa 105—Kan. 76—Mich. 223—
Ohio 510—Pa. 736, 1355—Wis. 332—
Canada 542

STURDY TOOL & GAGE CO.

14520 Schaefer Hwy.
Detroit 27, Mich.

Ariz. 112—N. J. 379—Pa. 105—Wis. 241

STURTEVANT CO., P. A.

Addison, Ill.

(Contact manufacturer direct)

SUN OIL CO.

1608 Walnut St.
Philadelphia 3, Pa.

(See advertisement p. 25)

Conn. 66, 218—Fla. 116, 210, 332—
Ga. 226—Ill. 719—Ind. 105, 412—Ky. 118—
Me. 30—Md. 152—Mass. 189, 348, 684—
Mich. 717, 886, 1015, 1046, 1097, 1262—
Minn. 231—Mo. 555—N. H. 17—N. J. 173,
402, 470, 520, 575—N. Y. 36, 74, 352, 604,
671, 1109, 1204, 1222, 1411, 1607—
N. C. 190—Ohio 49, 417, 950, 1129, 1323,
1677, 1755—Pa. 30, 77, 106, 206, 216, 249,
267, 303, 351, 728, 1107, 1307—R. I. 76—
Tex. 50, 322, 722—Va. 47B, 117—
Wash. 90—W. Va. 52, 82—Canada 213,
459, 510, 626

SUNBEAM EQUIPMENT CORP.

180 Mercer St.
Meadville, Pa.

Ala. 43—Ariz. 84—Cal. 994—Colo. 206—
Ga. 75—Ill. 919—Kan. 98—Mass. 573—
Mo. 591—N. J. 152—N. Y. 1641—Ohio 729,
1247—Pa. 885—Wash. 9—Canada 330

SUNSTRAND-AMERICAN BROACH

Div. of Sundstrand Machine Tool Co.
Ann Arbor, Mich.

(Contact manufacturer direct)

SUNDSTRAND MACHINE TOOL CO.

2531 11th St.
Rockford, Ill.

(Contact manufacturer direct)

SUNNEN PRODUCTS CO.

7910 Manchester
St. Louis 17, Mo.

(See advertisement p. 591)

Cal. 491, 1252, 1375, 1523—Conn. 286,
292—Ill. 357, 1018—Ind. 455—Kan. 44—
Mass. 547—Mich. 477—Minn. 247—
N. J. 270—N. Y. 811, 1228—N. C. 33—
Ohio 1496, 1631—Pa. 353—Tex. 136—
Wash. 172—Wis. 408

SUNRAY CO.

P. O. Drawer 452
Spartanburg, S. C.

Cal. 606—Mich. 625—N. C. 181—S. C. 24,
40

SUPER TOOL CO.

Div. of Van Norman Industries
21650 Hoover Rd.
Detroit 13, Mich.

(See advertisement p. 217)

Cal. 215—Ill. 723—Mich. 717A—
N. Y. 1113

SUPER-CUT, INC.

3418 N. Knox Ave.
Chicago 41, Ill.

Cal. 461—Ga. 259—Ill. 1160—Ind. 294—
Mass. 631—Mich. 205, 1085, 1229—
Mo. 214, 499—N. J. 536—Ohio 992, 1328—
Wis. 359

MANUFACTURERS

SUPERIOR ABRASIVE

LABORATORIES, INC.
900 Nepperhan Ave.
Yonkers 3, N. Y.

(Contact manufacturer direct)

SUPERIOR FLUX &

MANUFACTURING CO., THE
1536 St. Clair Ave.
Cleveland 14, Ohio
Cal. 206—Ill. 89

SUPERIOR HONE CORP.

1805 Elreno St., P. O. Box 671
Elkhart, Ind.
Ariz. 78—Cal. 717, 1198—Colo. 107—
D. C. 95—Fla. 257—Ill. 571, 982—
Ind. 312, 564—Kan. 130—Ky. 58—
Mass. 385—Mich. 718—Minn. 243—
Mo. 94, 470—N. J. 306—N. Y. 442, 531,
589—Ohio 952, 1219—Ore. 186—Pa. 176,
604, 1089—Tex. 314, 747—Wash. 289—
Wis. 351—Canada 267, 467, 633

SUPERIOR INDICATOR CO.

P. O. Box 734
Rochester 3, N. Y.
(Contact manufacturer direct)

SUPERIOR PNEUMATIC & MANUFACTURING, INC.

4758 Warner Rd.
Cleveland 25, Ohio
Cal. 390, 910, 988—Conn. 331—Fla. 235—
Ill. 145, 502, 742, 852—Mass. 69, 494—
Mich. 189—Mo. 152, 407—N. J. 301—
N. Y. 1717, 1720—Ohio 102, 122, 544, 550,
576, 854, 1005, 1087, 1123, 1698, 1762—
Pa. 88, 157, 250, 412, 1010, 1139, 1185—
Tex. 251—Utah 66—Wis. 267, 302, 420

SUPERIOR STEEL PRODUCTS CORP.

2754 S. 19th St.
Milwaukee 15, Wis.
(See advertisement p. 593)
Colo. 100—Conn. 77, 129, 344—Fla. 9—
Ill. 335, 977, 1206—Ind. 107—Iowa 24—
Md. 95—Mass. 608—Mich. 1163—
Minn. 243—Mo. 420—N. J. 585—
N. Y. 1512—Ohio 1336—Pa. 969—
R. I. 81—Tenn. 203

SUPERIOR TUBE CO.

Box 191
Norristown, Pa.
(Contact manufacturer direct)

SUPRECISSION PRODUCTS

2717 E. Franklin Ave.
Minneapolis 8, Minn.
Cal. 717, 860—Conn. 511—Ill. 628—
Minn. 167—Wash. 54

SUPREME PRODUCTS CORP.

2222 S. Calumet Ave.
Chicago 16, Ill.
Cal. 738, 1320—Colo. 196—Ill. 724—
Ind. 574—Mass. 190—Mich. 1146—
Minn. 234—Mo. 229—N. J. 291—N. Y. 556,
1111, 1112—Ohio 1130—Pa. 1109—
Tenn. 209—Wash. 282—Canada 627

SURFACE CHECKING GAGE CO.

5880 Hollywood Blvd.
Hollywood 28, Cal.
(Contact manufacturer direct)

SURFACE COMBUSTION CORP.

2375 Dorr St.
Toledo 1, Ohio
Ala. 59—Cal. 975, 1480—Conn. 440—
Ga. 103—Ill. 1082—Ind. 106, 413—
Mass. 467, 594—Mich. 720—N. J. 213—
N. Y. 1608—Ohio 953—Pa. 55, 1110, 1276—
Tex. 567

SUTTON ENGINEERING CO.

First National Bank Bldg.
Pittsburgh 22, Pa.
Pa. 79

SUTTON TOOL CO.

306 Magnolia St.
Sturgis, Mich.
Cal. 46—Colo. 3—Conn. 400—Ill. 278—
Ind. 207—Mass. 616—Mich. 225, 1355—
Mo. 364—N. J. 607—N. Y. 568—Ohio 1014,
1597—Pa. 664, 1123—Wis. 424—
Canada 177

SWANSON-ERIE CORP.

814 E. Eighth St.
Erie, Pa.
Mass. 580—Mich. 750

SWEDISH GAGE CO.

10641 Hagerly Ave.
Dearborn 1, Mich.
Cal. 1362—Colo. 4, 105—Fla. 336—
Ill. 41—Ind. 197—Md. 31—Mass. 263—
Mich. 138, 182—Minn. 284—Mo. 303—
N. Y. 426, 681—Ohio 454, 480, 1572—
Pa. 562, 955—Tenn. 49—Tex. 317—
Utah 26—Wash. 172—Wis. 401

SWIFT OHIO CORP.

17325 Lamont
Detroit 12, Mich.
Ill. 363—Ind. 246—Mass. 581—Mich. 728,
1018—Minn. 229—N. J. 542—N. Y. 180,
1668—Ohio 648, 819, 1680, 1495—Pa. 198,
1021—Tenn. 49, 216—W. Va. 72—Wis. 320

SWIVELIER CO., INC.

30 Irving Pl.
New York 3, N. Y.
(Contact manufacturer direct)

SYKES MACHINE & GEAR CORP.

744 Broad St.
Newark 2, N. J.
(See advertisement p. 64)
Ill. 833—Mich. 1043—N. Y. 508—
R. I. 76—Canada 181

SYNTRON CO.

340 Lexington Ave.
Homer City, Pa.
Ala. 149—Ariz. 105—Cal. 1323, 1463—
Colo. 118—Conn. 498—Del. 16—Fla. 333—
Ga. 227—Ill. 14, 726—Ind. 416, 575—
Iowa 135—Ky. 121—La. 185—Md. 153—
Mass. 191, 330—Mich. 723, 1382—
Minn. 236—Mo. 231, 556—N. J. 192—
N. Y. 356, 509, 570, 1114, 1464—N. C. 132—
Ohio 419, 955, 1131, 1324, 1678—
Okla. 162—Ore. 178—Pa. 231, 289, 731,
1111, 1218—Tenn. 265—Tex. 324, 723—
Utah 98—Va. 118—Wash. 286—
W. Va. 70—Wis. 399—Canada 291, 461, 658

- T -

T & H MANUFACTURING CO.

811 E. 31st
Kansas City 9, Mo.
(Contact manufacturer direct)

TABOR MANUFACTURING CO.

Div. of Turbo Machine Co.
840 W. Main St.
Lansdale, Pa.
Cal. 724, 921—Ohio 1411—Ore. 118—
Pa. 630—Wash. 203

TAFT-PEIRCE MANUFACTURING CO., THE

32 Mechanic Ave.
Woonsocket, R. I.
Ala. 169—Ariz. 52, 112—Cal. 599, 600,

1042, 1044, 1118—Colo. 63—Conn. 164—
Fla. 184, 248—Ga. 219—Ill. 267, 727,
1225—Ind. 247—Kan. 85—La. 30, 192,
231—Mass. 230—Mich. 120, 393, 724, 983,
1123, 1317—Minn. 242—Miss. 29—Mo. 157,
547—N. J. 67, 190—N. Y. 195, 628, 1115,
1224, 1602—N. C. 7, 134, 191—Ohio 256,
802, 878, 956, 1226, 1654—Okla. 146—
Ore. 87—Pa. 761, 1155—R. I. 84—S. C. 24,
58—Tenn. 105—Tex. 254, 339, 686—
Utah 81—Va. 8, 50, 120, 145—Wash. 102—
Wis. 244—Canada 11, 33, 79, 102, 132, 143,
227, 268, 477, 517, 639

TAMMS INDUSTRIES CO.

228 N. La Salle St.
Chicago 1, Ill.
(Contact manufacturer direct)

TANNEWITZ WORKS, INC., THE

315 Front Ave., N. W.
Grand Rapids 2, Mich.
Ariz. 104—Cal. 523, 1207—Colo. 107,
142—D. C. 30—Fla. 71, 75, 156, 304—
Ga. 62—Ill. 375, 860—Ind. 352—Iowa 16—
La. 190, 224—Md. 21—Mass. 97—
Mich. 207, 983, 1207—Minn. 183, 254—
Mo. 106, 127, 418, 559—Neb. 32—
N. Y. 332, 521, 609, 1257, 1395, 1611, 1633—
N. C. 215—Ohio 168, 302, 895, 1091—
Okla. 22, 131—Pa. 650, 712, 730, 886, 1067,
1122, 1350—Tenn. 183, 279—Tex. 214, 253,
747—Wash. 76—Wis. 165, 262

TAP CARTRIDGE CO., THE

P. O. Box 1017
Cincinnati 1, Ohio
Cal. 49, 276—Colo. 3, 83—Conn. 267,
494—Ill. 430—Ind. 12, 109, 573—
Iowa 21—Mich. 465, 734, 1049—Minn. 113,
159, 288—N. J. 532—N. Y. 620, 854—
N. C. 183—Ohio 428, 1096, 1410—
Okla. 146—Pa. 663—Wis. 355—
Canada 477

TAPER MICROMETER CORP.

100 Grove St.
Worcester 5, Mass.
Cal. 650, 717, 878, 1129—Colo. 209—
Conn. 23, 103, 137, 244—D. C. 5, 90—
Fla. 212, 239—Ill. 398, 407—Ky. 127—
Mass. 302, 528, 675—Mich. 611, 628, 846,
1175, 1203, 1337—Minn. 180—Mo. 96, 323,
531—Neb. 32—N. J. 201, 532—N. M. 3—
N. Y. 258, 457, 806, 841, 1489—Ohio 576,
606, 1361—Pa. 447, 701, 798—R. I. 48—
Tenn. 102—Tex. 317, 741—Wash. 50—
W. Va. 12—Wis. 192—Canada 482

TAPMATIC CORP.

845 W. 16th St.
Costa Mesa, Cal.
Ariz. 108—Ark. 25—Cal. 46, 49, 122, 214,
276, 326, 606, 697, 807, 1042, 1044, 1092,
1319, 1528—Colo. 23—Conn. 254—
D. C. 89—Ga. 303—Ill. 15, 205, 588, 1205—
Ind. 267—Iowa 109—Md. 36—Mass. 16,
231—Mich. 977, 465, 1092—Minn. 113,
242—Mo. 148, 180—N. J. 44, 364, 616—
N. M. 25—N. Y. 291, 496—Ohio 17, 107,
331, 774, 822, 891, 1117, 1161, 1200—
Pa. 43, 105, 229, 1151, 1348—Tex. 178—
Va. 66—W. Va. 26—Wis. 344

TATRA TOOL CO.

16317 Sanford Ave.
Cleveland 10, Ohio
(Contact manufacturer direct)

TAYLOR DEVICES, INC.

180 Main St.
North Tonawanda, N. Y.
Mass. 382—Mich. 1265—Mo. 251—Pa. 1004

TAYLOR DYNAMOMETER AND MACHINE CO.

6411 River Pkwy.
Milwaukee 13, Wis.
Cal. 1151—Conn. 213—Mass. 103—

MANUFACTURERS

Mich. 197—Minn. 154—N. J. 94—
N. Y. 350—Pa. 761—Tex. 751

TAYLOR-WINFIELD CORP., THE

1052 Mahoning Ave., N. W.
Warren, Ohio

(Contact manufacturer direct)

TECHLINE DIV.

Wheelabrator Corp.

1460 Ave. "V"
Vicksburg, Mich.

Cal. 22—Conn. 410—Ill. 753—Ind. 55—
Mich. 1122—Mo. 602—N. Y. 1226—
Ohio 645, 1483—Wis. 43

TECH-PACIFIC CORP.

1575 Placentia, P. O. Box 713
Newport Beach, Cal.

Ala. 209—Ariz. 49, 88—Cal. 18, 419, 427,
606—Colo. 89, 105—D. C. 68—Fla. 257—
Ill. 193—Ind. 267—Kan. 38, 77—Ky. 84—
La. 192, 217—Mich. 714, 984—Minn. 312—
Mo. 460—Nev. 4—N. Y. 132, 540—
N. C. 7—Ohio 648—Okla. 22, 104—
Ore. 174—Pa. 995, 1243—Tex. 214, 604—
Utah 48, 73—Wash. 76

TECHNIX CO.

853 E. Eight Mile Rd.
Ferndale 20, Mich.

(Contact manufacturer direct)

TECHNO-PRODUCTS CORP.

405-11 Baily Rd.
Yeadon, Pa.

Ala. 209—Ariz. 89—Cal. 184, 802, 1029,
1356—Colo. 226—Conn. 4—D. C. 89—
Fla. 69, 83, 336—Ill. 514—Kan. 106—
La. 192—Md. 224—Mass. 10—Mich. 718—
Minn. 325—Miss. 29—Mo. 477—N. H. 27—
N. Y. 1037—Ohio 933, 1120, 1314, 1410—
Okla. 122—Ore. 195—Tex. 339—
Wash. 322, 368—Wis. 334—Canada 179

TEER-WICKWIRE CO.

See Lindberg Air & Hydraulic Div.

TELEMAT CORP.

21 Lafayette
Worcester 3, Mass.

(Contact manufacturer direct)

TEMPIL CORP.

132 W. 22nd St.
New York 11, N. Y.

Ala. 78, 122, 134, 181, 186, 202, 218—
Ariz. 14, 20, 104—Cal. 80, 99, 127, 140, 147,
148, 156, 200, 208, 220, 293, 299, 308, 327,
330, 332, 373, 392, 458, 559, 592, 724, 769,
894, 911, 921, 1016, 1047, 1086, 1143, 1244,
1257, 1340, 1347, 1382, 1513, 1522, 1539—
Colo. 108, 232—Conn. 60, 156, 206, 227,
298, 317—Del. 17—D. C. 4, 87—Fla. 312—
Ga. 152, 165, 253, 263—Ill. 36, 60, 96, 97,
134, 188, 208, 314, 333, 411, 456, 469, 656,
691, 874, 897, 1002, 1023, 1084, 1112—
Ind. 19, 107, 242, 414, 590—Iowa 26—
Kan. 12, 57, 117A—Ky. 22, 128—La. 18, 25,
30, 31, 37, 38, 67, 72, 122, 131, 192, 201,
231—Md. 15, 19, 164, 167, 174, 211—
Mass. 49, 50, 81, 93, 163, 230, 241, 257, 421,
639—Mich. 5, 15, 151, 505, 612, 660, 780,
781, 833, 1088, 1333—Minn. 253, 310—
Miss. 5, 7, 29, 34, 36—Mo. 134, 152, 164,
196, 242, 288, 387, 417, 593, 595—
Neb. 46—N. H. 23—N. J. 23, 37, 116, 238,
250, 284, 297, 338, 363, 489, 533, 569, 572,
582—N. Y. 161, 174, 202, 288, 301, 314,
378, 612, 694, 723, 847, 860, 895, 901, 931,
1072, 1170, 1433, 1562, 1621, 1682—
N. C. 234, 271—Ohio 4, 11, 39, 87, 110, 338,
459, 499, 555, 568, 573, 664, 890, 916, 1021,
1056, 1090, 1103, 1143, 1147, 1467, 1502,
1691, 1694, 1763—Okla. 32, 36, 86, 142—
Ore. 27, 106, 107, 110, 118, 164, 184—

Pa. 170, 305, 321, 415, 435, 489, 505, 585,
610, 626, 646, 669, 719, 732, 823, 855,
900, 972, 1006, 1041, 1139, 1143, 1150,
1168, 1182—R. I. 41—Tenn. 63, 146—
Tex. 25, 38, 58, 68, 104, 208, 302, 363, 420,
463, 509, 643, 679, 700, 735, 736, 744, 768,
781, 810, 823, 837—Utah 20, 103—Va. 36,
59, 114—Wash. 45A, 149, 187, 161, 190, 202,
203, 256, 346, 354A, 390—W. Va. 31, 71—
Wis. 93, 97, 113, 216, 279, 380A

TENNEY ENGINEERING, INC.

1090 Springfield Rd.
Union, N. J.

Cal. 749—Colo. 224—Fla. 18—Ga. 220—
Ill. 633—Ind. 379—Mass. 461, Mich. 743—
Mo. 160, 448—Ohio 737, 1046, 1330—
Tex. 357—Wash. 293

TESTING MACHINES, INC.

72 Jericho Turnpike
Mineola, N. Y.

(Contact manufacturer direct)

TEXAS CO., THE

135 E. 42nd St.
New York 17, N. Y.

Cal. 744—Colo. 201—Ga. 228—Ill. 731—
Ind. 421—La. 186—Mass. 194—
Minn. 238—Mont. 21—N. Y. 359—
Tex. 329, 724—Va. 49—Wash. 291

TEXTRON, INC.

See MB Manufacturing Co.

The Waterbury Farrel Foundry &
Machine Co.

THERMO ELECTRIC

MANUFACTURING CO.

5061 Huff St.
Dubuque, Iowa.

Ala. 65—Cal. 79, 606, 967—Conn. 190,
342—Fla. 168, 186, 338—Ill. 50, 112, 120,
412, 441—Ind. 273—Mass. 219—Minn. 11,
183, 216, 316—Mo. 108—N. J. 412, 457—
N. Y. 610, 684—Ohio 576, 1451, 1583—
Okla. 22—Pa. 245, 490, 1122, 1355—
R. I. 60, 74—Tenn. 270—Wash. 274—
Wis. 35—Canada 629

THIOLKOL CHEMICAL CORP.

780 N. Clinton Ave.
Trenton 7, N. J.

(Contact manufacturer direct)

THOMAS FLEXIBLE COUPLING CO.

Main Ave. & Biddle St.
Warren, Pa.

Cal. 538, 1148—Colo. 193—Ga. 107—
Ill. 572—Iowa 63—La. 105—Me. 36—
Md. 205—Mass. 586—Mich. 563—
Minn. 209—Mo. 394—N. Y. 294, 809,
1672—N. C. 163—Ohio 437, 976—
Okla. 150—Pa. 225, 958—S. C. 11—
Tenn. 184—Tex. 18, 144, 393, 541—
Wash. 194—Canada 60, 217, 652

THOMAS HOIST CO.

20 S. Hoynes Ave.
Chicago 12, Ill.

(Contact manufacturer direct)

THOMAS MACHINE

MANUFACTURING CO.

Butler Rd.
Pittsburgh 23, Pa.

(Contact manufacturer direct)

THOMPSON GRINDER CO., THE

1534 W. Main St.
Springfield, Ohio

Ala. 101—Ariz. 50—Cal. 536, 1151—
Colo. 125—Conn. 466—Fla. 45—Ga. 58—
Ill. 320—Ind. 308—La. 166, 224—
Mass. 289—Mich. 728, 1018—Minn. 86—

Mo. 127, 548—Neb. 32—N. Y. 195, 656,
1348, 1602—N. C. 89—Ohio 302, 978, 1225,
1680—Okla. 161—Ore. 37—Pa. 712, 1100—
Tenn. 34, 163—Tex. 253, 697—Utah 47—
Va. 95—Wash. 107—Wis. 204—Canada 92,
130, 267, 467, 511, 633

THOMPSON & SON, CO., THE HENRY G.

277 Chapel St.
New Haven 5, Conn.

Ala. 107—Ariz. 69, 116—Cal. 251, 522,
660, 697, 890, 1090, 1377—Colo. 142—
Conn. 49, 146, 220, 246, 285, 296, 331,
434—Del. 9—Fla. 84, 199, 248, 292, 312—
Ga. 193, 276, 328, 342, 349—Idaho 13, 19—
Ill. 8, 357, 441, 585, 714, 1011, 1095, 1158,
1256—Ind. 27, 76, 273, 441—Iowa 29, 92,
161—Kan. 74, 92, 104—Ky. 65—La. 2,
43, 57, 116—Me. 8—Md. 14—Mass. 71, 308,
347, 637, 666, 680—Mich. 2, 400, 687, 977,
1096, 1109, 1210, 1323, 1343—Minn. 216,
290—Miss. 32, 41—Mo. 31, 152, 327, 409,
438, 597—Mont. 6—N. J. 401, 580—
N. Y. 73, 258, 297, 332, 446, 864, 1387,
1465, 1611, 1658—N. C. 13, 76, 91, 149, 213,
231—Ohio 35, 114, 461, 782, 1065, 1207,
1438, 1459, 1674, 1753—Okla. 1, 30, 131—
Ore. 97—Pa. 31, 194, 243, 264, 326, 514,
522, 847, 1193, 1195, 1306, 1355—R. I. 23,
49, 70—S. C. 4, 72, 76, 77—S. D. 9—
Tenn. 32, 103, 106, 170, 238, 255—Tex. 10,
339, 401, 686, 741, 774, 833, 870, 884—
Utah 65—Wash. 86—W. Va. 3, 37—
Wis. 64, 70, 84, 408, 448—Canada 221, 302

THOMSON INDUSTRIES, INC.

1029 Plandome Rd.
Manhasset L. I., N. Y.

Ala. 198—Ariz. 119—Ark. 14—Cal. 651,
1131—Colo. 12—Conn. 68—Fla. 188—
Ga. 87, 332—Idaho 18—Ill. 137, 636,
1278—Iowa 61—Md. 89, 191—Mich. 309—
Minn. 170—Miss. 19—Mo. 53, 492—
Neb. 55—N. M. 40—N. Y. 1609—
Ohio 510—Okla. 56—Ore. 642—
Tenn. 215—Tex. 143, 506, 852—Utah 16—
Va. 4—Wash. 58, 333—Wis. 439

THOMPSON MANUFACTURING CO.,

EARL A.

1300 Hilton Rd.
Ferndale 20, Mich.

(Contact manufacturer direct)

THOMSON MANUFACTURING CO.,

JUDSON L.

5 Sawyer Rd.
Waltham 54, Mass.

(See advertisement p. 48)

Cal. 453, 1187—Fla. 27—Ill. 732—
Ind. 424—Mich. 736—Mo. 538—N. Y. 606,
1559—Ohio 1485—Pa. 282—S. C. 66—
Tex. 729

THOR POWER TOOL CO.

175 N. State St.
Aurora, Ill.

Ala. 152, 208—Cal. 1047, 1120, 1329—
Colo. 93, 202—Fla. 172—Ga. 230—
Ill. 733—Ind. 425—Ky. 65—La. 19, 157—
Mass. 69, 195—Mich. 736, 1002, 1207—
Minn. 11, 216—Mo. 234, 564—Neb. 46—
N. Y. 258, 360, 404, 530, 600, 607, 1120,
1304, 1465—Ohio 424, 782, 964, 1091,
1639—Okla. 129—Ore. 97, 174—Pa. 213,
734, 1114—Tenn. 177, 248—Tex. 112, 730—
Utah 43—Va. 121—Wash. 274, 292—
W. Va. 13—Wis. 404—Canada 465

THREAD-ALL SALES CO.

1045 Perry
Detroit 1, Mich.

Pa. 1004

THREADWELL TAP & DIE CO.

16 Arch St.
Greenfield, Mass.

Cal. 709—Ga. 122—Ill. 971—Ind. 603—
La. 123—Mass. 331—Mich. 679—Mo. 211—
N. Y. 734, 1437—Ohio 965, 1356—Pa. 628

MANUFACTURERS

THRIFTMASTER PRODUCTS CORP.

1004-C N. Plum St.
Lancaster, Pa.
Cal. 651, 1469—Ill. 297, 514, 996—
Ind. 139—Mich. 425, 935—N. J. 117—
N. Y. 1348—Ohio 641, 839, 1225, 1654—
Pa. 115, 761—R. I. 84

THUNDER BAY MANUFACTURING CORP.

Tenth & McKindley St.
Alpena, Mich.
Mich. 13

THURSTON MANUFACTURING CO.

45 Burden St.
Providence, R. I.
Ariz. 112—Cal. 657—Conn. 104—Ga. 285—
Ill. 94—Mass. 16—Minn. 113—N. J. 294—
N. Y. 206, 684—Pa. 243—R. I. 61—
Tex. 554—Wash. 108—Wis. 374

TIETZMANN TOOL CORP.

315 N. Main St.
Englewood, Ohio
(See advertisement p. 570)
Ariz. 49—Cal. 81, 122, 276, 286, 309, 606,
717, 1198, 1377—Conn. 342, 436—
Fla. 182—Ga. 42—Ill. 502, 515, 583—
Ind. 441—Md. 25—Mass. 69, 301, 476—
Mich. 667, 956, 1214, 1280—Mo. 103, 439—
N. J. 201, 246, 277, 313, 395—N. Y. 220,
463, 464, 728, 1086, 1148—Ohio 648, 760,
1280, 1410—Ore. 131—Pa. 736, 1087—
Tex. 282—Wis. 45, 408

TILP INC., J. G.

Milltown Rd.
Union, N. J.
(Contact manufacturer direct)

TIME SAVER TOOLS, INC.

27 Park Ave.
Mundelein, Ill.
(Contact manufacturer direct)

TIMESAVER PRODUCTS CO.

629 W. Washington Blvd.
Chicago 6, Ill.
Wash. 294

TIMESAVERS, INC.

P. O. Box 7446, Robbinsdale Station
Minneapolis, Minn.
(Contact manufacturer direct)

TIMKEN ROLLER BEARING CO., THE

1835 Dueber Ave., S. W.
Canton 6, Ohio
Cal. 750—Ill. 735—Mass. 197—Mich. 738—
Mo. 566—N. Y. 361, 1121—Ohio 426,
966—Pa. 735, 1115—Tex. 730A—
Wash. 295—Wis. 403

TINIUS OLSEN TESTING MACHINE CO.

Easton Rd.
Willow Grove, Pa.
Ariz. 117—Cal. 656, 1085, 1279—
Colo. 142—D. C. 55—Ga. 99—Ill. 431—
Mass. 106—Mich. 1176—N. J. 193—
Ohio 844—Ore. 149—Pa. 815—Tex. 232,
401—Utah 65—Wash. 231

TIPLOR ENGINEERING & MANUFACTURING CO.

3115 N. Kenwood St.
Burbank, Cal.
Cal. 81, 83, 198, 467A, 479, 496, 600, 606,
657, 715, 756, 804, 968—Mass. 14A

TISHKEN PRODUCTS CO.

13000 W. Eight Mile Rd., P. O. Box 3798
Oak Park Station
Detroit 37, Mich.
Cal. 254, 704, 1207, 1265—Conn. 380—
Ill. 578, 1226—Ind. 24, 191, 227, 343—

Mich. 983—N. Y. 222, 315, 1303, 1395,
1583—Ohio 802—Pa. 1069—Canada 162,
203, 477

TITAN TOOL CO.

50 E. Main St.
Fairview, Pa.
Cal. 717, 1388—Fla. 14—Ill. 1047—
Mass. 494—Mich. 422—Ohio 788—
Pa. 392—Canada 464

TOCO DIV.

The Ohio Crankshaft Co.
3800 Harvard Ave.
Cleveland 5, Ohio
Cal. 752—Conn. 479A—Ga. 232—Ill. 737—
Mich. 1183—N. Y. 419—Ohio 427, 967—
Pa. 103, 1117—Wash. 83—Canada 216

TOMCO, INC.

P. O. Box 170
Racine, Wis.
Cal. 777—Ill. 502, 514, 587—Mass. 281—
Mich. 667—Minn. 292—N. J. 121, 465—
N. Y. 802—Ohio 22—Pa. 271, 688—
W. Va. 11—Wis. 459—Canada 426

TOMKINS-JOHNSON CO.

2425 W. Michigan
Jackson, Mich.
(See advertisement p. 127-128)
Ala. 9—Cal. 340, 1117—Conn. 396, 482—
Fla. 64—Ill. 799, 1162—Ind. 451—
Ky. 129—Md. 227—Mass. 411—Mich. 402,
922—Minn. 110—Mo. 183, 476—N. J. 385—
N. Y. 364—N. C. 185—Ohio 462, 815, 1346,
1645—1725, 1747—Ore. 104—Pa. 152,
1020—R. I. 68—S. C. 27—Tex. 746—
Va. 108—Wash. 154—Wis. 217—
Canada 483

THE TOMKINS-JOHNSON CO.

(End Mills)
Cal. 340—Conn. 230—Ill. 686—
Mich. 261—Pa. 878—Tex. 741—Va. 108—
Canada 483

TOOL-SET, INC.

1411 Military Rd.
Buffalo 17, N. Y.
Cal. 736—Ga. 322—Ill. 407—Ky. 58—
Mass. 413—Mich. 192—Mo. 233—Okla. 22,
104—Pa. 1100—Canada 601

TOOL SUPPLY CO.

40 Custer
Detroit 2, Mich.
(Contact manufacturer direct)

TOOLS, INC.

1733-37 N. 25th Ave.
Melrose Park, Ill.
(Contact manufacturer direct)

TORRINGTON CO., THE

59 Field St.
Torrington, Conn.
Ariz. 78—Cal. 704, 754, 1207—D. C. 93—
Fla. 45—Ill. 308, 743—Ind. 577—
Iowa 75—Mass. 687—Mich. 742—
Minn. 244—Mo. 418—N. Y. 1123, 1418—
N. C. 172—Ohio 429, 819, 973—Pa. 712,
739, 1119—Tex. 340—Wash. 297—Wis. 407

TORRINGTON MANUFACTURING CO., THE

Machine Div.
Torrington, Conn.
(Contact manufacturer direct)

TORSION BALANCE CO., THE

Kent Cliff Laboratories Div.
35 Monhegan St.
Clifton, N. J.
Ariz. 20—Cal. 274, 373, 524, 1055, 1143,

1331, 1475—Colo. 33—Conn. 294—
D. C. 95—Fla. 259—Ga. 181, 318—Ill. 333,
744, 897—Ind. 243—Mass. 257, 610—
Mich. 391, 411, 843—Minn. 243—
N. J. 76—N. M. 13—N. C. 26—Ohio 346,
681, 819, 1280, 1282—Ore. 164—Pa. 567,
1021—Tenn. 34—Tex. 317, 383—Utah 20—
Va. 124—Wash. 256—Wis. 216—
Canada 463

TOWMOTOR CORP.

1226, E. 162nd St.
Cleveland 10, Ohio
Ala. 121—Ark. 37—Cal. 180, 561, 934,
1075, 1387A—Colo. 40—Conn. 42—Fla. 33,
76, 151, 326—Ga. 291—Ill. 746, 1212,
1225—Ind. 293, 548—Ky. 80—La. 90—
Me. 34—Md. 79—Mass. 244—Mich. 552,
877, 982—Minn. 24, 276—Mo. 239, 586—
N. J. 53, 375—N. Y. 32, 275, 677, 997, 1416,
1612—N. C. 228—Ohio 20, 320, 627, 1060,
1189, 1395, 1669—Okla. 22, 104—Ore. 6,
33—Pa. 188, 1045, 1192—R. I. 18—S. C. 51,
77—Tenn. 6, 56, 86, 172, 228—Tex. 180,
379, 523, 778, 859—Utah 5—Va. 47, 103,
144—Wash. 35, 369, 387—W. Va. 46—
Wis. 396—Canada 53, 122, 252, 265, 329,
544, 650

TOWNSEND CO.

Box 237
New Brighton, Pa.
Cal. 1036—Ill. 748—Mich. 744—
Ohio 975—Pa. 741

TOWNSEND

MANUFACTURING CO., THE H. P.
Brook St.
West Hartford, Conn.
(Contact manufacturer direct)

TRACER CONTROL CO.

595 E. Ten Mile Rd.
Hazel Park, Mich.
(See advertisement p. 214)
Mich. 1062

TRANSOCEAN TRADING CO.

6453 Santa Monica Blvd.
Los Angeles 38, Cal.
(Contact manufacturer direct)

TRANSVISION, INC.

See Champion Pneumatic Machinery Co.

TREE TOOL & DIE WORKS

1600 Junction Ave.
Racine, Wis.
Ala. 112—Cal. 753—Colo. 70—Conn. 190—
Idaho 13—Ill. 1008, 1031—Ind. 153—
Mich. 335—Minn. 167—N. J. 376—
N. Y. 277, 1104, 1330, 1602—Ohio 1240,
1410—Okla. 98—Pa. 730, 1123—Tex. 590—
Wis. 421—Canada 199

TRICO FUSE MANUFACTURING CO.

2948 N. 5th St.
Milwaukee 12, Wis.
Cal. 529, 601, 1205, 1215, 1252—
Conn. 457—Ga. 107, 256—Ill. 626, 632,
707—Ind. 203, 276—Ky. 130—La. 19—
Md. 85—Mass. 69, 120—Mich. 276, 322—
Minn. 130, 208, 276, 319—Mo. 589—
N. J. 132—N. Y. 9, 119, 357, 498, 740, 826,
1058—N. C. 93, 181—Ohio 112, 782, 946,
1521, 1551—Okla. 104, 138—Pa. 169, 525,
861, 1198—R. I. 73—Tex. 37, 218, 297, 514,
663—Va. 88—Wash. 176—W. Va. 55—
Wis. 40, 54, 304, 433—Canada 621

TRINDL PRODUCTS, LTD.

1807 S. Clark St.
Chicago 16, Ill.
(Contact manufacturer direct)

MANUFACTURERS

TRINITY TOOL CO.

17184 E. Warren Rd.
Detroit 24, Mich.
Mass. 387—Mich. 747—Mo. 323—
N. Y. 1452—Ohio 1014, 1141—Pa. 1004—
Tenn. 127—W. Va. 12—Wis. 347

TRIO TOOL CO.

6578 Epworth Blvd.
Detroit 10, Mich.
(Contact manufacturer direct)

TRION, INC.

1000 Island Ave.
McKees Rocks, Pa.
Ala. 35—Ark. 17—Cal. 743, 1279—
Colo. 37—Conn. 299—D. C. 46—Fla. 203,
274, 299—Ga. 225—Ill. 778, 1186—Ind. 390,
480—Iowa 7, 133—Kan. 66—Ky. 44—
La. 96—Me. 35—Md. 20—Mass. 116—
Mich. 359, 1143—Minn. 277—Miss. 10—
Mo. 104, 535—Neb. 63—N. H. 51—
N. Y. 330, 745, 1453, 1555—N. C. 35—
Ohio 227, 902, 1144, 1218, 1565—
Okla. 44—Ore. 124—Pa. 118, 631, 1120—
S. C. 48—Tenn. 98, 188, 223—Tex. 234,
625, 786, 846—Utah 92—Va. 70—
Wash. 231, 341—W. Va. 25—Wis. 360

TROY ENGINE & MACHINE CO.

145 Railroad Ave.
Troy, Pa.
(Contact manufacturer direct)

TROYKE MANUFACTURING CO.

11294 Orchard St.
Cincinnati 41, Ohio
(Contact manufacturer direct)

TRUARC RETAINING RINGS DIV.

Waldes Kohinoor, Inc.
47-16 Austel Pl.
Long Island City 1, N. Y.
Cal. 774, 1339—Conn. 17, 340—Ga. 144—
Ill. 350—Ind. 452—Iowa 69—Kan. 48,
68—Mich. 594—Minn. 202—Mo. 398—
N. Y. 155, 276, 1334, 1557—Ohio 857,
1320—Pa. 1270—Tex. 103—Wis. 342—
Canada 116, 399, 582

TRU-CENTER PRODUCTS CO.

17 W. 71 Oak La.
Bensenville, Ill.
Ill. 27

TRUE-TRACE SALES CORP.

9830 E. Rush St.
El Monte, Cal.
Ariz. 88—Colo. 105—Conn. 148—Ind. 153,
259—Kan. 77—Mass. 289—Mich. 572—
Minn. 216—N. M. 25—N. Y. 1257, 1689—
N. C. 172—Ohio 648—Okla. 132—
Ore. 174—Pa. 604, 806—Tenn. 71—
Tex. 194—Wash. 274, 363—Wis. 320, 464—
Canada 195, 311

TRYCO PRODUCTS, INC.

Railroad Ave., PP Station Box #72
Westfield, Mass.
Conn. 61, 296, 425—Ill. 460—Me. 21—
Mass. 466, 542—Mich. 523—Minn. 172—
N. Y. 439, 1324, 1511, 1658—N. C. 120—
Ohio 26, 541, 854, 987, 1258—Pa. 330

TUBULAR MICROMETER CO.

1959 Clark St.
St. James 1, Minn.
(See advertisement p. 320)
Ariz. 52—Ga. 77—Idaho 24—Ill. 602,
688, 856, 1184—Iowa 25—Kan. 118—
Ky. 127—La. 231—Md. 36—Mich. 117,
667, 885, 1102, 1125, 1150—Minn. 49,
61, 180—Mo. 28, 54, 323—Mont. 25—
Neb. 46—N. J. 246, 466—N. Y. 44, 297,
1069, 1466—N. C. 26—Ohio 121, 421, 428,
446, 581, 606, 822, 1280—Okla. 153—
Ore. 92, 131—Pa. 596—S.D. 9—Tenn. 34,
102—Tex. 317, 601, 686, 747—Va. 28—

Wash. 31, 34, 143—W. Va. 12—Wis. 77, 241
Canada 22

TUBULAR RIVET AND STUD CO.

Weston Ave.
Quincy 70, Mass.
Cal. 946—Colo. 351—Ga. 204—Ill. 752—
Ind. 429—Mass. 280, 468—Mich. 748—
Mo. 569—N. Y. 1127, 1628—N. C. 118—
Ohio 511—Pa. 546—Tex. 124—Wash. 224

TUMB-L-MATIC, INC.

St. Marys St.
Stamford, Conn.
Cal. 446—Colo. 142—Mass. 277—
N. J. 386—N. Y. 112—N. C. 168—
Ohio 330, 939—Wis. 87

TUNGSTEN ALLOY

MANUFACTURING CO. INC
65 Colden St.
Newark 1, N. J.
Ill. 562—Mass. 387—Mich. 219—N. J. 405,
464—Pa. 270

TURBO MACHINE CO.

See Tabor Manufacturing Co., The

TURCHAN FOLLOWER MACHINE CO.

26950 Van Born Rd., P. O. Box 657
Inkster, Mich.
Ala. 106—Cal. 1265, 1405—Fla. 304—
Ga. 181—Ill. 261, 399—Ind. 191—
Ky. 84—Mass. 614—Mich. 533, 714, 936—
Mo. 64, 319—N. Y. 355, 609, 1413, 1465,
1611—Ohio 959, 1225—Okla. 67—Pa. 622,
1069—Tenn. 34—Tex. 253, 522—Va. 28,
112—Wash. 172, 235

TURNER BROS., INC.

2625 Hilton Rd.
Ferndale 20, Mich.
(Contact manufacturer direct)

TURNER UNI-DRIVE CO.

3416 Terrace.
Kansas City 11, Mo.
(Contact manufacturer direct)

TURNOMAT CO., INC.

Clinton St.
Brockport, N. Y.
Ill. 166, 869—Pa. 316—Wis. 410

TUTHILL PUMP CO.

939 E. 95th St.
Chicago 19, Ill.
Ala. 162—Cal. 772, 1322—Conn. 465—
Fla. 316—Ga. 327—Ky. 88—La. 175, 207—
Me. 22—Mich. 444, 961—Minn. 202—
Mo. 114, 379—N. J. 171, 261—Ohio 218,
850—Okla. 152—Pa. 369, 987—Tex. 605—
Wash. 285—Wis. 111

TWECO PRODUCTS, INC.

1450 S. Mosley
Wichita 1, Kan.
(Contact manufacturer direct)

TWENTIETH CENTURY

MANUFACTURING CO.
Route 176 and Bradley Rd.
Libertyville, Ill.
Ariz. 46—Cal. 286, 1422—Colo. 49—
Conn. 254—Fla. 14, 138—Ill. 48, 123,
187, 191, 201, 205, 233, 313, 430, 502,
595, 609, 728, 758, 779, 802, 856, 865,
916, 1242—Ind. 423—Iowa 5, 29—
Kan. 93—Md. 218—Mich. 258, 526, 844,
936, 1094, 1099—Minn. 798—Mo. 94—
N. Y. 80, 840—N. C. 26, 114, 243—
Ohio 423, 963, 1682—Pa. 327, 480, 575,
888, 969, 1299—R. I. 17—Tenn. 106—
Tex. 338, 339—Va. 14—Wis. 401

TWENTIETH CENTURY

MANUFACTURING CO.
224 W. 82nd St.
Minneapolis 20, Minn.
(Contact manufacturer direct)

TWIN DISC CLUTCH CO.

Racine, Wis.
(Contact manufacturer direct)

TY-SA-MAN MACHINE CO.

1000 White Ave.
Knoxville 1, Tenn.
Ala. 14, 112—Ariz. 32—Cal. 523, 1306—
Fla. 304—Ill. 297—Ind. 598—La. 133—
Mich. 145, 983—N. J. 86—Ohio 403, 1368—
Pa. 716, 984—Tex. 241—Wash. 107—
Canada 113, 640

TYSON BEARING CO.

Div. of SKF Industries, Inc.
Massillon, Ohio
(Contact manufacturer direct)

— U —

U. S. BURKE MACHINE TOOL, THE

Div. Cincinnati Manufacturing Co.
Brotherton Rd. and Penn RR.
Cincinnati 27, Ohio
Ala. 135—Ariz. 49—Cal. 606, 893, 1070,
1151—Colo. 63—Conn. 464—D. C. 30—
Fla. 71, 168, 305—Ga. 18, 58—Ill. 136,
1035, 1119, 1158—Ind. 28, 153, 277—
Iowa 109—Kan. 127—La. 184, 220—
Mass. 69, 289, 646—Mich. 625, 1203—
Minn. 183, 312—Mo. 66, 258, 433, 460—
Neb. 46—N. M. 42—N. Y. 306, 451, 656,
1065, 1359, 1579—Ohio 76, 196, 445, 946—
Okla. 98—Ore. 153—Pa. 178, 689, 1122,
1355—R. I. 60—Tenn. 34—Tex. 202, 214,
401, 747—Utah 43, 66—Wash. 172, 313—
Wis. 231, 353—Canada 85, 340, 377,
440, 477

U. S. CARBIDE TOOL, INC.

5633 Brecksville Rd.
Cleveland 31, Ohio
(Contact manufacturer direct)

U. S. ELECTRICAL MOTORS, INC.

200 E. Slauson Ave.
Los Angeles 54, Cal.
Ariz. 85—Cal. 32, 179, 764, 1027, 1337,
1389, 1493—Colo. 208—Conn. 262—
Fla. 338—Ga. 239—Ill. 764—Ind. 431—
Iowa 76—Kan. 29—La. 191—Md. 159—
Mass. 199—Mich. 756, 1139—Minn. 318—
Neb. 6—N. J. 406—N. Y. 38, 366, 1131,
1616—N. C. 136—Ohio 435, 984, 1132—
Pa. 746, 1126—Tenn. 212—Tex. 345, 734,
796—Utah 101—Va. 123—Wash. 302—
Wis. 412

U. S. ELECTRICAL TOOL CO.

3640 Llewellyn St.
Cincinnati 23, Ohio
Cal. 1284—Colo. 25—Fla. 216—Ill. 545—
Kan. 45—La. 128—Mass. 117—Mich. 219—
Minn. 217—N. Y. 1080—N. C. 144—
Ohio 436, 1109—Pa. 715, 1297—Tenn. 41—
Tex. 358—Wash. 209

U. S. ENGINEERING CO.

40-24 22nd St.
Long Island City, N. Y.
Cal. 35, 1231—Conn. 118—Fla. 209—
Ill. 1239—Ind. 267—La. 74—Mich. 810A—
Minn. 58—Mo. 554—N. Y. 57—Ohio 1380,
1529—Pa. 298—Tex. 95, 504, 638—
Va. 47A—Canada 228, 572

U. S. HOFFMAN MACHINERY CORP.

Thompson Rd.
Syracuse 6, N. Y.
(See advertisement p. 592)
Ariz. 70—Cal. 62, 721—Conn. 87—

MANUFACTURERS

U. S. HOFFMAN MACHINERY

CORP. (cont.)

Fla. 302—Ga. 288—Ill. 526—Ind. 209—
Mich. 604—Minn. 306—Mo. 349—N. Y. 995
1584—Ohio 1416—Pa. 57, 918—Tenn. 96—
Tex. 557—Wash. 319—Wis. 99

U. S. INDUSTRIES—CLEARING

Machine Tool Div.

6160 S. Boyle Ave.
Los Angeles 58, Cal.
Ala. 137—Ariz. 101—Cal. 254, 1285,
1405—Colo. 105—Conn. 260, 477—
Fla. 304—Ill. 794—Ind. 71, 213, 489—
Kan. 127—Ky. 48—La. 30, 192, 231—
Md. 33—Mass. 431—Mich. 403—
Minn. 109—Mo. 106, 295—Neb. 38—
N. Y. 1062, 1492—Ohio 648—Ore. 37—
Pa. 51, 323, 995, 1123—Tex. 463, 747—
Utah 56—Wash. 197—Wis. 442

U. S. PRODUCTS CO.

518 Melwood Ave.
Pittsburgh 13, Pa.
(Contact manufacturer direct)

U. S. STEEL SUPPLY DIV.

United States Steel Corp.
208 S. LaSalle St.
Chicago 4, Ill.
(Contact manufacturer direct)

U. S. TOOL CO., INC.

255 N. 18th St.
Ampere, N. J.
(See advertisement p. 44)
Ariz. 18—Cal. 536—Fla. 248—Ill. 544,
1005—Ind. 16—Mass. 596—Mich. 511—
Minn. 312—N. J. 158, 550—Ohio 1000—
Pa. 251—Tex. 463, 736—Wis. 313—
Canada 478, 640

UDELHOLM CO. OF AMERICA, INC.

155 E. 44th St.
New York 17, N. Y.
Cal. 758—Ill. 472—Mich. 585—Ohio 979—
Pa. 485, 978

UDYLITE CORP., THE

1651 E. Grand Blvd.
Detroit 11, Mich.
Cal. 390, 1154—Colo. 142—Conn. 430—
Ga. 235—Ill. 756, 1207—Ind. 113, 430—
Mass. 590—Mich. 751, 1020, 1101—
Minn. 245—Mo. 87, 366—N. Y. 1421,
1715—Ohio 433, 980—Ore. 59—Pa. 285,
361, 744—R. I. 13—Tex. 151—Utah 23—
Wash. 81—Wis. 409—Canada 327

ULLMAN DEVICES CORP.

Danbury Rd.
Ridgefield, Conn.
(Contact manufacturer direct)

UNIDAPT CO.

915 E. Ten Mile Rd.,
Madison Heights, Mich.
Ariz. 60—Cal. 663, 1198, 1340—Conn. 226,
431—Ill. 141, 233, 515, 1151—Mass. 484,
672—Mich. 452, 725—N. Y. 297—
Ohio 675—Okla. 22—Pa. 480, 891—
Wis. 163

UNIMET CARBIDES

Div. of United-Greenfield Corp.
435 W. Ontario St.
Chicago 10, Ill.
Cal. 570, 890—Conn. 182—Fla. 172—
Ill. 990, 1181—Ind. 427—Mich. 967—
Mo. 568—N. J. 396—Ohio 1027, 1200—
Pa. 489, 847—Wis. 408

UNION CARBIDE CORP.

See Haynes Stellite Co.
Linde Co.

UNION GAGE CORP.

711 Lehigh Ave.
Union, N. J.
Conn. 258

UNION MANUFACTURING CO.

296 Church St.
New Britain, Conn.
Cal. 658, 1533—Conn. 108, 255, 352, 392—
Fla. 57—Ga. 53—Ill. 369, 909—Iowa 11—
Kan. 38—Md. 61—Mass. 550, 666—
Mich. 294, 714, 865, 1203, 1283—N. J. 121,
627—N. Y. 479, 531, 961, 1242—Ohio 243,
302, 946, 1389—Pa. 467, 635, 1355—
R. I. 31—Tex. 737—Wash. 146

UNION STEEL PRODUCTS CO.

Materials Handling Div.
1531 N. Berrien St.
Albion, Mich.
Ala. 163, 194—Ariz. 64—Cal. 102, 173,
374, 1350—Conn. 514—Fla. 61, 339—
Ga. 252, 258—Ill. 537, 997—Ind. 49, 293—
Ky. 54—La. 130—Md. 62—Mass. 59—
Mich. 469—Mo. 563—N. Y. 324, 563, 820,
1487, 1591—N. C. 143—Ohio 785, 1229—
Okla. 135—Pa. 503, 988—Tenn. 77—
Tex. 609—Utah 15—Wash. 35—
W. Va. 49—Wis. 369—Canada 422

UNION TWIST DRILL CO.

Athol, Mass.
Ala. 150—Cal. 195, 280, 762, 1336, 1395,
1529—Colo. 231—Conn. 315—Ga. 136,
286—Ill. 21, 760, 1195, 1274—Ind. 335—
Mass. 14, 315—Mich. 102, 515, 754—
Minn. 28—N. J. 2—N. Y. 411, 488, 1044,
1129, 1225—N. C. 46—Ohio 303, 982—
Pa. 354, 1229—Tenn. 190—Tex. 31, 464—
Wash. 198—Wis. 260

UNION TWIST DRILL CO.

See Also S. W. Card Div.
Hartex Div.

UNIT MANUFACTURING CO.

18 W. 26th St.
Minneapolis 4, Minn.
Cal. 234, 828—Fla. 229—Ill. 1159—
La. 13—Mass. 213—Minn. 84—N. J. 629—
N. Y. 289—Tex. 109—Va. 55—Wis. 456

UNIT PROCESS ASSEMBLIES, INC.

61 E. Fourth St.
New York 3, N. Y.
Cal. 678—Ga. 81—Ill. 591—Mass. 388—
Mich. 996—Mo. 366—Ohio 1516—
Tex. 151—Canada 308

UNITCAST CORP.

P. O. Box 8, Station E
Toledo 9, Ohio
(Contact manufacturer direct)

UNITED DIAMOND TOOL CORP.

51 Prospect Ave.
Lynbrook, N. Y.
Cal. 827—Colo. 73—Conn. 89—Mass. 675—
Minn. 196—Mo. 126—N. J. 239—N. Y. 617,
1488—Ohio 719—Pa. 1222, 1299—Wis. 40

UNITED ELECTRIC CONTROLS CO.

85 School St.
Watertown 72, Mass.
Cal. 460, 937—Ill. 679—Ind. 6, 449—
La. 149—Md. 1—Mich. 1174—Minn. 146—
Minn. 196—Mo. 126—N. J. 239—N. Y. 617,
1488—Ohio 719—Pa. 1222, 1299—Wis. 40

UNITED-GREENFIELD CORP.

See Geometric-Horton Div.
Greenfield Tap & Die Div.

UNITED LABORATORIES, INC.

303 U. B. Bldg., P. O. Box 918
Huntington, Ind.
Ind. 112, 139, 525—Mich. 1063—
N. Y. 649—Ohio 1067, 1544—Wis. 7

UNITED MACHINERY SALES CO.

1741 W. 91st St.
Chicago 20, Ill.
Conn. 403—Ill. 18—Ind. 25—N. Y. 1160

UNITED MINERAL & CHEMICAL CORP.

16 Hudson St.
New York, N. Y.
Cal. 771—Colo. 50, 107—Ill. 530—La. 129—
Mass. 497—Mich. 647—Minn. 151—
N. Y. 92, 106, 149, 1568, 1701—N. C. 167—
Ohio 155, 356, 1642—Pa. 737—Wash. 10—
Wis. 482

UNITED SCIENTIFIC CO.

See Unitron Instrument Div.

UNITED STATES DRILL HEAD CO.

616 Burns St.
Cincinnati 4, Ohio
(See advertisement p. 54)
Conn. 497—Ill. 498, 1008—Ind. 238—
Mich. 248—Mo. 527—N. J. 94—N. Y. 1611—
Ohio 662, 1262—Pa. 1317

UNITED STATES GASKET CO.

Plastics Div. of
The Garlock Packing Co.
602 N. Tenth St.
Camden 1, N. J.
Ala. 67—Cal. 495, 1203—Colo. 79—
Ill. 325—Mass. 100—Mich. 379—
Mo. 393—N. Y. 871, 1216—Ohio 651—
Pa. 548, 910—Tex. 579

UNITED STATES GYPSUM CO.

300 W. Adams St.
Chicago 6, Ill.
Cal. 900—Conn. 467—Ga. 219—Ill. 435,
730—Mass. 202—Mich. 186, 369—
N. J. 348—N. Y. 214, 750—Ohio 845, 1214

UNITED STATES RUBBER CO.

1230 Ave. of the Americas
New York 20, N. Y.
(Contact manufacturer direct)

UNITED STATES STEEL CORP.

525 William Penn Pl.
Pittsburgh 30, Pa.
(Contact manufacturer direct)

UNITED STATES STEEL CORP.

See Also American Steel & Wire Div.
U.S. Steel Supply Div.

UNITED TOOL CO.

P. O. Box 918
Huntington, Ind.
(Contact manufacturer direct)

UNITRON INSTRUMENT DIVISION

of United Scientific Co.
204-206 Milk St.
Boston 9, Mass.
(Contact manufacturer direct)

UNIVERSAL-AUTOMATIC CORP.

9545 Ainslie St.
Schiller Park, Ill.
(Contact manufacturer direct)

UNIVERSAL BALL CO.

Willow Grove, Pa.
Cal. 739—Conn. 489—Ill. 683—Mo. 235—
N. Y. 1609—Ohio 899—Pa. 642—Tex. 103

MANUFACTURERS

UNIVERSAL-CYCLOPS STEEL CORP.

Station St.
Bridgeville, Pa.
Cal. 766—Conn. 222—D. C. 94—Ill. 766,
1233—Ind. 432—Mass. 690—Mich. 757—
Mo. 572—N. J. 534—N. Y. 367, 1135—
Ohio 985, 1148, 1334—Pa. 99, 274, 1128,
1235—Wis. 413

UNIVERSAL DRAFTING

MACHINE CORP.
7960 Lorain Ave.
Cleveland 2, Ohio
Ill. 258, 599—Mass. 183—N. Y. 812—
Pa. 883—Canada 202, 471

UNIVERSAL ENGINEERING CO.

126 N. Main St.
Frankenmuth, Mich.

(See advertisement p. 218)

Ala. 6—Ariz. 46—Cal. 878—Conn. 129—
Ill. 642, 985—Ind. 497—Kan. 85—
Md. 31—Mass. 18—Mich. 332, 868, 1164—
Minn. 86—Mo. 167, 454—N. J. 379—
N. Y. 306—N. C. 137, 267—Ohio 1029,
1336, 1667—Okla. 110—Pa. 178, 761, 1077—
R. I. 81—Tenn. 216—Tex. 564—Utah 3—
Wis. 290—Canada 476

UNIVERSAL INSTRUMENTS CORP.

137 E. Frederick St.
Binghamton, N. Y.
(Contact manufacturer direct)

UNIVERSAL METAL HOSE CO.

2133 S. Kedzie Ave.
Chicago 23, Ill.
(Contact manufacturer direct)

UNIVERSAL VISE AND TOOL CO.

110 Mill St.
Parma, Mich.
Ala. 112—Ariz. 33—Cal. 326, 600, 606,
1044, 1198—Colo. 207—Conn. 212—
D. C. 30—Fla. 168—Ga. 275—Ill. 441,
741—Ind. 44, 75, 273, 573—Iowa 11—
Mass. 69, 540—Mich. 709, 956—
Minn. 216—Mo. 505—N. J. 395—N. Y. 291,
1148, 1590, 1623—Ohio 648, 1280, 1667—
Okla. 131—Ore. 174—Pa. 418, 604, 926—
R. I. 74—Tenn. 148—Tex. 246, 736—
Utah 66—Wash. 86—Wis. 408

UP-TO-DATE TOOL CO.

P. O. Box Station A.
Worcester 6, Mass.
Ala. 92—Cal. 606, 1377—Colo. 83—
Conn. 175—Fla. 25—Ill. 289, 493, 502,
587, 1038—Ky. 79—Md. 36, 61—Mass. 18,
69, 162, 353, 413, 673—Mich. 40, 425, 956—
Minn. 49, 109—N. M. 25—N. Y. 395, 643,
1195—Ohio 1095, 1410, 1615—Ore. 92—
Pa. 221, 1102—R. I. 48—Tenn. 84, 148—
Tex. 715—Va. 52—Wis. 220—Canada 199,
272A, 486, 640

—V—

VFC DIV.

Automation Devices, Inc.
3175 Brandes St.
Erie, Pa.

Ala. 136—Ark. 12—Cal. 1258, 1405—
Colo. 83—Conn. 9—Ill. 527—Ind. 336—
Iowa 93—Mass. 584—Mich. 764—
Minn. 191—Mo. 200, 470—N. Y. 10, 381,
507, 1542—N. C. 219—Ohio 1380, 1532,
1589—Pa. 343, 1266—Tenn. 67—Tex. 422—
Canada 228

V & O PRESSES

See Emhart Manufacturing Co.

VAC ALLOYS, INC.

Div. of Fallon Industries
17695 Filer St.
Detroit 12, Mich.
(Contact manufacturer direct)

VACU-BLAST CO., INC.

Foot of Bragato Rd., P. O. Box 886,
Belmont, Cal.
Cal. 300, 1115—Colo. 82—Conn. 333—
Ill. 887—Mich. 646—Minn. 275—Mo. 472—
N. J. 338—N. Y. 1572, 1680, Ohio 1125—
Pa. 492, 981—Tenn. 8—Tex. 527—
Wash. 312

VAC-U-MATION DIV.

See F. J. Littell Machine Co.

VAILL ENGINEERING CO., THE

137 E. Main St.
Waterbury 20, Conn.
Cal. 747—Colo. 70—Ill. 49—Iowa 67,
177—Kan. 119—Mich. 72—Mo. 226, 548—
N. J. 249—N. Y. 1035, 1088—Ohio 1373—
Okla. 161—Wash. 117

VALENITE METALS DIV.

The Veleron Corp.
31100 Stephenson Hwy., P. O. Box 205
Royal Oak, Mich.
Cal. 275—Ill. 770—Ind. 433—
Mich. 1183A—N. Y. 1618—Ohio 990—
Wis. 415A

VALERON CORP., THE

See Modco Tools Div.
Valenite Metals Div.

VALLEY FORCE GRINDING WHEEL CO.

108 W. Front St.
Bridgeport, Pa.
Conn. 519—Fla. 28—Ill. 644—Ind. 233—
Pa. 237, 294

VALVAIR CORP.

454 Morgan Ave.
Akron 11, Ohio
Ala. 156—Cal. 158, 935, 969, 1467—
Colo. 9—Ga. 37—Ill. 773—Ind. 434—
Ky. 126—La. 93—Md. 87—Mass. 285—
Mich. 759—Minn. 103—Mo. 37, 391—
N. J. 88—N. Y. 543, 1531—N. C. 81—
Ohio 1335—Okla. 1421—Ore. 154—Pa. 806,
1275—Tex. 605—Wash. 94—W. Va. 29—
Wis. 416—Canada 61, 356, 450, 553

VALVOLINE OIL CO.

Div. of Ashland Oil & Refining Co.
Sixth St. at Third Ave.
Freedom, Pa.
Cal. 767, 1338—Ga. 239—Mich. 760—
N. Y. 1137—Ohio 247, 438—Ore. 183—
Wash. 304—Canada 93, 468

VAMCO MACHINE & TOOL, INC.

2 Sedgwick St.
Pittsburgh 9, Pa.
(Contact manufacturer direct)

VAN KEUREN CO.

176 Waltham St.
Watertown 72, Mass.
(See advertisement p. 552)
Ariz. 39, 112—Cal. 326, 496, 600, 678,
717, 968, 981, 1060, 1198, 1205, 1252, 1377—
Colo. 92—Fla. 172, 280—Ill. 866—
Ind. 368—Kan. 100—Mich. 711—
Minn. 113—Mo. 167—N. Y. 796, 1282—
N. C. 114, 183—Ohio 346, 819, 1282—
Okla. 90—Ore. 37—Pa. 575, 1021—
R. I. 11—Tex. 169—Wash. 235—Canada 446

VAN NORMAN INDUSTRIES, INC.

See Van Norman Machine Co.
Super Tool Co.
Morse Twist Drill & Machine Co.

VAN NORMAN MACHINE CO.

Div. Van Norman Industries, Inc.
3640 Main St.
Springfield 7, Mass.
Ala. 112, 203—Cal. 599—Colo. 105—
Conn. 308—D. C. 95—Fla. 184, 248—
Ill. 294—Ind. 419—Kan. 96—La. 30,
192, 231—Mass. 142—Mich. 714—
Minn. 229—Miss. 29—Mo. 166, 418—
Neb. 20—N. Y. 195, 1139, 1348, 1563—
N. C. 89—Ohio 421, 648, 1429, 1630—
Okla. 128—Ore. 174—Pa. 747, 798—
Tenn. 33, 166, 254—Tex. 214, 604—
Wash. 274, 363—Wis. 194—Canada 474

VAN PRODUCTS CO.

5789 Swanville Rd.
Erie, Pa.
(Contact manufacturer direct)

VANADIUM-ALLOYS STEEL CO.

Latrobe, Pa.
Ala. 85A—Cal. 823—Colo. 133—
Conn. 50—Ill. 774—Ind. 278, 435—
Mass. 2, 201—Mich. 1052—Mo. 261,
573—N. J. 255—N. Y. 366, 1138—
N. C. 244—Ohio 439, 991—Pa. 1129, 1322—
Tenn. 92, 177—Tex. 46—Canada 220, 245,
469, 512, 634

VANADIUM-ALLOYS STEEL CO.

See Also Pittsburgh Tool Steel Wire Div.

VAPOR BLAST MANUFACTURING CO.

3025 W. Atkinson Ave.
Milwaukee 9, Wis.
Ala. 164—Cal. 839, 1371—Colo. 62—
Conn. 509—Ill. 1266—Ind. 595—
Iowa 51—Kan. 98—La. 20—Mich. 425,
983—Minn. 99—Mo. 166, 289—N. J. 503—
N. M. 25—N. Y. 1430—N. C. 270—
Ohio 308, 866—Okla. 128—Pa. 246, 1297—
Tex. 477, 717—Utah 83—Wash. 159—
Canada 57, 348, 556

VARD, INC.

2981 E. Colorado St.
Pasadena 8, Cal.
Cal. 984A—Mo. 575—N. M. 53—Pa. 1130

VASCOLOY-RAMET CORP.

800 Market St.
Waukegan, Ill.
Ala. 164—Ariz. 34, 49, 110—Ark. 24, 25—
Cal. 100, 322, 326, 457, 824, 849, 1070,
1162, 1205—Colo. 23, 49, 211—
Conn. 509A—D. C. 89—Fla. 38, 90, 122,
155, 251, 280, 323—Ga. 108, 328, 337—
Ill. 776, 907, 951, 1013, 1061, 1166, 1242,
1269—Ind. 48, 70, 437, 514, 564—
Iowa 151—Kan. 74—Ky. 14, 124—La. 60,
180, 224—Me. 31, 78—Mass. 1, 51, 418,
495, 674, 690—Mich. 762, 820, 959, 1109,
1334—Minn. 243—Miss. 2, 17—Mo. 1, 2,
152, 273, 576—Neb. 9, 42—N. J. 5, 65, 570,
585—N. M. 47, 55—N. Y. 49, 505, 513, 620,
670, 674, 1199, 1423, 1548, 1697—N. C. 26,
243, 251—Ohio 28, 69, 440, 484, 1228,
1403, 1466, 1480, 1656—Okla. 2, 4, 32,
111—Pa. 97, 132, 176, 342, 407, 748, 888,
1353—S. C. 14, 65—Tenn. 43, 102, 177,
270—Tex. 4, 14, 42, 51, 80, 260, 289, 348,
675, 741, 765, 792, 833, 868, 875, 884—
Utah 81—Va. 14, 36—Wash. 305—
W. Va. 6, 40, 53, 84, 87—Wis. 52, 417

VEE BEE MANUFACTURING CO.

2632 Park St.
Muskegon Heights, Mich.
Conn. 245—Fla. 155—Ill. 811, 870—
Ind. 250—Mich. 1221, 1373—N. Y. 840—
Ohio 454, 670—Okla. 147—Pa. 72—
R. I. 17—Tex. 233—Wis. 453—Canada 166

MANUFACTURERS

VEEDER-ROOT, INC.

70 Sargeant St.
Hartford 2, Conn.
Cal. 768, 1261—Ill. 777—Mass. 282—
Mich. 763—Mo. 533—N. Y. 1142—
Ohio 441, 993—Pa. 749, 1131—S. C. 60—
Wash. 183

VEET INDUSTRIES

25753 Groesbeck Hwy.
E. Detroit, Mich.
Cal. 58, 1380, 1405—Colo. 105—
Conn. 280—D. C. 91—Fla. 280—Ga. 58—
Ill. 166, 205, 1008—Ind. 153—La. 166—
Md. 61—Mass. 263—Minn. 229—
Mo. 433—N. J. 396—N. Y. 1545—
N. C. 172—Ohio 648, 895, 1410—Pa. 510,
806—Tex. 273, 676—Utah 6—Wash. 107—
W. Va. 12—Wis. 320

VEIT & YOUNG, INC.

Buck Rd. and County Line
Huntingdon Valley, Pa.
(Contact manufacturer direct)

VEMALINE PRODUCTS CO.

Box W222
Hawthorne, N. J.

VERNON DEVICES, INC.

481 E. Third St.
Mount Vernon, N. Y.
Ala. 64—Cal. 276, 697, 878—Conn. 4, 54,
84, 122—Ga. 191—Ill. 15, 205, 585, 1105,
1158, 1176—Ind. 98, 403, 564—Kan. 93—
Md. 25—Mass. 16, 71, 240, 597—Mich. 691,
962—Minn. 61, 113—Mo. 127, 470—
Neb. 32—N. J. 44, 121, 395, 431—N. Y. 442,
568, 581, 613, 1320, 1638—N. C. 76—
Ohio 44, 127, 331, 579, 1069, 1202, 1262,
1410—Pa. 553, 575, 1101—R. I. 23—
Tex. 741—Va. 66—Wis. 78, 244, 397—
Canada 179

VERSA PRODUCTS CO., INC.

249 Scholes St.
Brooklyn 6, N. Y.
(Contact manufacturer direct)

VERSON ALLSTEEL PRESS CO.

1355 E. 93rd St.
Chicago 19, Ill.
Cal. 747—Ind. 407—Mass. 412—Mich. 206,
883—Mo. 106—N. J. 410—N. Y. 315—
Ohio 994, 1392—Pa. 221—Tex. 349

VIBRASLIDE FINISHERS

c/o Metal Finish, Inc.
416 Frelinghuysen Ave.
Newark 12, N. J.
Cal. 186—Ill. 512—N. Y. 67—N. C. 243—
Ohio 330, 939—Wis. 25

VICKERS, INC.

Machinery Hydraulics Div.
Detroit 32, Mich.
Cal. 63, 146—Ga. 240—Ill. 26, 1209—
Ind. 436—Mass. 691—Mich. 765, 1022—
Mo. 577—N. J. 535—N. Y. 1425—Ohio 442,
995—Ore. 185—Pa. 359, 1132—Tex. 738—
Wash. 306—Wis. 418

VICTOR ENGINEERING CORP.

16 Maple Ave.
Paoli, Pa.
(Contact manufacturer direct)

VICTOR MANUFACTURING CO., THE

183 High St.
Boston 10, Mass.
(Contact manufacturer direct)

VICTOR SAW WORKS, INC.

22 Cottage St.,
Middletown, N. Y.
Cal. 451—Ill. 48—Ore. 66

VICTORY CARBIDE SAW & TOOL CO., INC.

1027-41 Anita Ave.
Antioch, Ill.
Ala. 61, 157—Fla. 60—Md. 140—
Mich. 1191—Mo. 550—Tenn. 214—Wis. 467

VIKING PUMP CO.

Fourth and Olsen St.
Cedar Falls, Iowa
Cal. 770—Ga. 241—Ill. 780—Ind. 439—
Kan. 46—N. Y. 1146—Ohio 996—
Tex. 350—Wis. 419

VIKING TOOL CO., INC., THE

1000 Nichols Rd.
Shelton, Conn.
Ala. 116—Cal. 309, 326, 1044—Colo. 142—
Conn. 49, 83, 115, 360, 367, 437—
D. C. 86—Ga. 181—Ill. 858, 1047—
Ind. 180, 427, 545—Iowa 151—Kan. 2—
Md. 25, 197—Mass. 541, 615—Mich. 71,
372, 913—Minn. 23—Mo. 27, 470, 568—
N. J. 44, 228, 487—N. Y. 125, 258, 308,
350, 442, 531, 1568—N. C. 26—Ohio 811,
957, 1114, 1300—Pa. 744, 1077, 1097—
Tenn. 34—Tex. 338, 418—Va. 28, 40, 41,
142—Wash. 50—Wis. 35, 488

VILTER CO., E. F.

4161 N. Richards St.
Milwaukee 12, Wis.
Ariz. 110—Cal. 204—Mass. 395—
Mich. 1050—N. Y. 724—Ohio 675

VIMCO MANUFACTURING CO., INC.

105 Brayton St.
Buffalo 13, N. Y.
Cal. 424—Fla. 182—Mich. 426, 1106—
Minn. 216—Miss. 8—N. J. 563—
N. Y. 815—Pa. 96, 177, 1355

VINCO CORP.

9111 Schaefer Hwy.,
Detroit 28, Mich.
Cal. 557—Conn. 515—Mass. 455—
Minn. 180—N. J. 139—Ohio 1371—
Pa. 108—Canada 151

"VISUAL" PLANT LAYOUTS, INC.

Oakmount, Pa.
Cal. 836—Ill. 274—Mich. 84—N. Y. 831—
Ohio 785—Canada 644

VITRIFIED WHEEL CO.

30 Emery St.
Westfield, Mass.
Conn. 62, 166—Mass. 516, 604—
Mich. 766—N. Y. 814, 1558—Ohio 572,
1158—Pa. 366, 976, 1156—Wis. 158

VILIER ENGINEERING CORP.

8900 Santa Monica Blvd.
Los Angeles 46, Cal.
Ariz. 33, 112—Ark. 25—Cal. 49, 276,
658, 697, 717, 1092—Colo. 83—Conn. 330,
501—D. C. 30—Fla. 248—Ga. 80—Ill. 166,
982—Ind. 403—Kan. 74—Md. 78—
Mass. 672—Mich. 18, 337, 1159, 1214—
Minn. 167—Mo. 66, 295, 531—Neb. 32—
N. J. 300—N. M. 25—N. Y. 125, 362, 442,
688, 971, 1417, 1623, 1697—N. C. 276—
Ohio 1001, 1336, 1637—Okla. 122—
Ore. 186—Pa. 5, 1087—Tenn. 1, 106, 269—
Tex. 338, 686—Utah 75—Wash. 54—
Wis. 376—Canada 190, 479, 549

VOGEL TOOL & DIE CORP.

1825 N. 32nd Ave.
Melrose Park, Ill.
Ala. 116, 137—Ariz. 13—Cal. 254, 1265—
Colo. 90—Conn. 171—Del. 11—D. C. 51—
Fla. 248—Ga. 234—Ill. 653—Ind. 267—
La. 192—Md. 33—Mass. 230—Mich. 728—
Minn. 171, 312—Mo. 353, 103—Neb. 32—
N. J. 54—N. Y. 306—Ohio 1410—
Okla. 22—Ore. 153—Pa. 638, 1097—
Tex. 112, 654, 864—Utah 84—Wash. 274

VULCAN KIDD STEEL DIV.

See Porter Co., Inc.

VULCAN TOOL CO.

730 Lorain Ave.
Dayton 10, Ohio
Cal. 4—Colo. 63, 83—Conn. 499—
Fla. 239—Ill. 628—Ind. 358—Ky. 84—
Mich. 231—Mo. 64, 319—N. J. 67—
N. Y. 426—Ohio 1375—Pa. 197, 1240—
Tex. 381—Canada 195

— W —

WACHS CO., THE E. H.

1525 N. Dayton St.
Chicago 22, Ill.
Cal. 657—Ill. 186—Kan. 25—Mass. 9—
Minn. 196—N. J. 105—N. Y. 1335—
Va. 21

WACLINE, INC.

35 South St.
Dayton 2, Ohio
(Contact manufacturer direct)

WADE TOOL CO., THE

49 River St.
Waltham 54, Mass.
Ala. 124—Ariz. 88—Cal. 704, 1294—
Colo. 165—Conn. 486—D. C. 89—
Fla. 129—Ill. 1008—Ind. 366—Kan. 112—
Mass. 613, 625—Mo. 257, 504—N. J. 74—
N. Y. 655, 1375, 1589, 1630—N. C. 109—
Ohio 648—Pa. 680, 1064—Wis. 313—
Canada 478, 518, 640, 651

WADELL EQUIPMENT CO., INC.

159 Teriminal Ave.
Clark, N. J.
Ariz. 88—Cal. 704, 1310—D. C. 95—
Ill. 308—Mass. 103—Mich. 714—
N. Y. 195, 1602—N. C. 26—Ohio 979, 1315,
1649—Ore. 153—Pa. 604—Tenn. 34—
Tex. 463

WAHLUND MECHANICAL LABORATORY, M. PAUL

Box 16
Grant, Iowa
(Contact manufacturer direct)

WALDES KOHINOOR, INC.

See Truarc Retaining Rings Div.

WALES STRIPPIT INC.

A Unit of Houdaille Industries, Inc.
Akron, N. Y.
Cal. 1341, 1464—Conn. 224—Fla. 258—
Ill. 1062—Ind. 444—Iowa 79—Mass. 203—
Mich. 769—Minn. 251—Mo. 11—
N. J. 408—N. Y. 143, 373—Ohio 444, 998—
Okla. 165—Pa. 750, 1134—Tex. 465—
Wash. 307—Wis. 425—Canada 95, 153, 624

WALKER CO., INC., O. S.

Rockdale St.
Worcester 6, Mass.
(Contact manufacturer direct)

WALKER-TURNER DIV.

Rockwell Manufacturing Co.
400 N. Lexington Ave.
Pittsburgh 8, Pa.
Cal. 231, 546—Colo. 74—Conn. 512—
Ga. 38—Ill. 821—Ind. 220—Mich. 65—
N. J. 31—Pa. 276, 1147—Tex. 574—
Wash. 273—Wis. 56—Canada 491

WALL-COLMONOY CORP.

19345 John R St.,
Detroit 3, Mich.
Ala. 158—Cal. 844—Ill. 963—N. Y. 611—

MANUFACTURERS

Pa. 362, 1135—Tex. 740—Canada 32, 223, 636

WALL-COLMONOY CORP.

Stainless Processing Div.

Ala. 158—Cal. 844—Ill. 963—N. Y. 77, 611—Pa. 362, 1135—Tex. 714

WALL-COLMONOY CORP.

Colmonoy Div.

Ala. 158—Cal. 844—Ill. 963—N. Y. 611—Pa. 362, 1135—Tex. 740

WALLACE SUPPLIES

MANUFACTURING CO.

1304-12 W. Diversey Pkwy.
Chicago 14, Ill.

Cal. 776

WALLS SALES CORP.

333-335 Nassau Ave.
Brooklyn 22, N. Y.

(Contact manufacturer direct)

WALSH PRESS AND DIE CO.

Div. of American Gage & Machine Co.
4709 W. Kinzie St.
Chicago 44, Ill.

Ariz. 33—Cal. 254, 359, 434, 1265—
Colo. 59—Conn. 475—Fla. 172, 345—
Ga. 234—Ill. 1008—Ind. 198, 250—
Iowa 107, 110—La. 98—Mass. 412—
Mich. 605—Minn. 92—Mo. 106, 521—
N. J. 395—N. Y. 442, 531, 589—Ohio 327,
783—Ore. 153—Pa. 51, 995, 1004, 1149—
Tenn. 217—Tex. 349—Wis. 320, 353

WALTHAM MACHINE WORKS, INC.

54 Sun St.
Waltham 54, Mass.
Mass. 366

WALTON CO., THE

P. O. Box 5, Elmwood Branch
Hartford 10, Conn.

(Contact manufacturer direct)

WANSKUCK CO.

See New England Butt Co.

WAPAKONETA MACHINE CO., THE

P. O. Box 179
Wapakoneta, Ohio
Ala. 219—Cal. 1344—Colo. 75—Ga. 346—
Ind. 446, 502—Md. 173—N. C. 272—
Ohio 1422, 1558, 1704—Ore. 187—
Tex. 466—Wis. 489

WARD MACHINERY CO., INC.

564 W. Washington Blvd.
Chicago 6, Ill.

(Contact manufacturer direct)

WARD-RIDDLE CO., THE

241 Myrtle St.
Ravenna, Ohio
Cal. 597, 1268—Colo. 83—Conn. 437—
Ind. 197—Minn. 288—N. Y. 1037, 1376—
Ohio 44, 646—Okla. 131—Pa. 1077—
R. I. 84—Va. 66—Canada 269, 478, 518,
640, 651

WARDWELL MANUFACTURING CO., THE

3805 Ridge Rd.
Cleveland 9, Ohio

(Contact manufacturer direct)

WARNER ELECTRIC

BRAKE & CLUTCH CO.

Beloit, Wis.

Ala. 57—Ariz. 75—Cal. 623, 961, 1468,

1487, 1519—Colo. 164—Conn. 126, 178,
416—Fla. 130, 334, 345—Ga. 91, 217—
Ill. 118, 357, 582, 1063, 1105, 1199, 1203—
Ind. 54, 111, 385—Iowa 59—Ky. 53—
La. 147—Md. 117, 145—Mass. 161, 540,
625, 638—Mich. 445, 772, 975—Minn. 130,
300—Mo. 60, 304—Neb. 55—N. J. 180,
262, 401, 459—N. Y. 86, 527, 844, 873, 901,
1392, 1685—N. C. 96, 163—Ohio 380, 414,
1025, 1190, 1543, 1627—Ore. 134—Pa. 742,
1097, 1121, 1291, 1333—R. I. 62—S. C. 77—
Tenn. 18, 99, 195, 247—Tex. 178—
Utah 86—Va. 127—Wash. 309—Wis. 49,
75, 88, 193, 304—Canada 59, 119, 368, 599

WARNER & SWASEY CO.

5701 Carnegie Ave.
Cleveland 3, Ohio

Cal. 776—Conn. 316—Ga. 245—Ill. 1064—
Ind. 447—Iowa 80—Mass. 414—Mich. 773,
1025—Minn. 258—Mo. 580—N. J. 109—
N. Y. 1427, 1620—N. C. 139—Ohio 1002,
1338—Okla. 166—Pa. 56, 211, 1136—
Tex. 743—Wis. 427

WARNER & SWASEY CO., THE

Control Instrument Div.

34 W. 33rd St.
New York 1, N. Y.

Cal. 306—Colo. 70—Conn. 509—Ill. 421—
Mich. 280—Minn. 299—Mo. 360—
Ohio 580—Wash. 143, 340—Wis. 245

WARREN-KNIGHT CO.

136 N. 12th St.
Philadelphia 7, Pa.

(Contact manufacturer direct)

WARREN PLASTICS & ENGINEERING, INC.

Erie Plastic Dies, Inc.

2120 E. Nine Mile Rd.
Warren, Mich.

Mass. 375—N. Y. 260—394

WATERBURY FARREL FOUNDRY & MACHINE CO., THE

Div. of Textron Inc.
453 Bank St.

Waterbury 20, Conn.

Cal. 825—Ill. 791—N. J. 282—Ohio 1003

WATERS MANUFACTURING, INC.

Boston Post Rd.
Wayland, Mass.

Ark. 4—Cal. 1040, 1072, 1361—Colo. 230—
Conn. 257—Fla. 15, 261—Ill. 198—
Kan. 33—Mass. 27—Mich. 733—
Minn. 190—N. J. 206, 509—Ohio 958,
1326—Tex. 239—Wash. 11—Canada 263

WATSON-STILLMAN PRESS DIV.

Farrel-Birmingham Co., Inc.

565 Blossom Rd.
Rochester 10, N. Y.

Cal. 478, 1408—Conn. 2—Ill. 307—
Mich. 1239—N. J. 46—N. Y. 237—
Ohio 23—Tex. 573—Wash. 224

WATTS BROTHERS TOOL WORKS

760 Airbrake Ave.
Wilmerding, Pa.

Cal. 326, 1042, 1198—Ill. 155, 1234—
N. J. 432—Pa. 104—Tex. 747—Canada 323,
640

WATTS REGULATOR CO.

10 Embankment St.
Lawrence, Mass.

(See advertisement p. 59)

Cal. 840, 1293—Colo. 457—Fla. 172—
Ga. 190, 304—Ill. 57, 792, 1095, 1185—
Ind. 503—La. 6—Mass. 429—Mich. 1298—
Minn. 308—Miss. 27—Mo. 470, 523—
N. J. 90, 356—N. Y. 134, 140, 365, 442, 531,
543, 573, 996, 1391, 1448, 1615—Ohio 287,

746—Okla. 118—Ore. 104—Pa. 413, 806,
873—R. I. 88—Tex. 215, 406, 605—
Wash. 182—Wis. 230

WAUKESHA CUTTING TOOLS, INC.

Midland and Pearl St.
Waukesha, Wis.

(Contact manufacturer direct)

WAYNE TOOL CO.

N. Franklin St.
Waynesboro, Pa.

Ala. 203—Cal. 878—Ind. 584—Md. 32—
N. Y. 1009—Pa. 1043

WEAN EQUIPMENT CORP.

22800 Lakeland Rd.
Cleveland 17, Ohio
Ill. 946—Mich. 776—N. J. 409—

WEATHERHEAD CO., THE

Fort Wayne Div.

128 W. Washington Blvd.
Fort Wayne, Ind.

Cal. 813, 1535—Ga. 299—Ill. 922, 1016—
Ind. 29, 115, 268—Mo. 240—N. J. 620—
N. Y. 42—Ohio 447, 1363, 1720—Pa. 80,
306, 752—R. I. 24—Tex. 457—Wash. 13—
Wis. 428, 429

WEBB CORP., THE

P. O. Box 549
Webb City, Mo.

Ala. 102—Cal. 254, 1265—Fla. 315—
Ill. 320—Ind. 246—La. 166, 224—Mich. 145,
983—Minn. 312—Mo. 108, 418—N. Y. 222,
656, 1585—Ohio 802—Pa. 1004, 1316—
Tenn. 195—Tex. 253—Utah 101—Va. 52—
Wash. 235—Wis. 204

WEBB CO., JERVIS B.

8951 Alpine St.
Detroit, Mich.

Cal. 1465—Ga. 248—Ill. 793—Ky. 125—
Md. 229—Mass. 207—Mich. 777, 892—
Minn. 23—N. J. 594—N. Y. 1150, 1193,
1210—Ohio 448, 1006—Pa. 340, 1138—
Canada 224

WEBBER GAGE CO.

12900 Triskett Rd.
Cleveland 11, Ohio

(See advertisement p. 572)

Ala. 64—Ariz. 39, 108, 112—Cal. 8, 18, 46,
81, 122, 230, 322, 326, 424, 496, 600, 606,
678, 717, 759, 825, 878, 968, 981, 1044,
1087, 1198, 1377, 1432, 1458—Colo. 70—
Conn. 145—Fla. 8, 14, 182, 248—Ga. 58,
148—Idaho 13—Ill. 688—Ind. 273—
Iowa 109—Ky. 58—La. 184—Mass. 388—
Mich. 843, 956, 1125, 1221—Minn. 180—
Miss. 30—Mo. 66, 108, 127, 470, 505—
N. J. 141, 413, 608, 624—N. Y. 483, 796,
1282, 1623—N. C. 26, 137, 219, 270—
Ohio 346, 576, 581, 606, 659, 782, 946,
1015, 1027, 1225, 1282, 1370, 1654, 1667—
Ore. 37—Pa. 156, 178, 229, 356, 358,
380, 787, 971, 1021, 1123—Tenn. 12, 49,
216—Tex. 168, 463—Wash. 85, 108, 235—
Wis. 220, 355

WEBSTER MANUFACTURING, INC.

West Hall St.
Tiffin, Ohio

Cal. 1281—Ga. 205—Ill. 797—La. 119—
Mass. 149—Mich. 778—Mo. 72, 337—
N. Y. 227, 1151—Ohio 449, 1007—Pa. 896,
1253

WEDDELL TOOLS, INC.

37 Centennial St.
Rochester 11, N. Y.

Cal. 224—Ill. 982—Ind. 1, 67—Ky. 127—
Mass. 177—Mich. 71, 1230—Mo. 152—
N. J. 379—N. Y. 412, 477, 1310—
Ohio 697—Pa. 1233—Tex. 323—Wis. 78—
Canada 185, 389, 508

MANUFACTURERS

WEIRTON STEEL CO. DIV. See National Steel Corp.

WEISSER MACHINERY

1539 W. Elizabeth Ave.
Linden, N. J.

(See advertisement p. 556)

(Contact manufacturer direct)

WELDEX DIV.

See The Metal Craft Co.

WELDIT, INC.

990 Oakman Blvd.
Detroit 38, Mich.

Ala. 123—Ariz. 13—Ark. 32—Cal. 308—
Colo. 80—Conn. 227—Del. 6—
D. C. 87—Fla. 180—Ga. 110—
Ill. 664—Ind. 450, 461—Iowa 125—
Kan. 94—La. 222—Me. 16—Md. 74—
Mass. 287—Mich. 783—Minn. 232—
Mo. 152, 359—Neb. 30—N. J. 70,
363—N. Y. 331, 1332—N. C. 37—
Ohio 31, 159, 1687—Okla. 59—Ore. 40—
Pa. 626—S. C. 2—Tenn. 205—
Tex. 363—Va. 128—Wash. 16—
Wis. 396—Canada 499

WELDON ROBERTS RUBBER CO.

Brightboy Industrial Div.
93-99 N. 13th St.
Newark 7, N. J.

Ala. 34, 120—Ariz. 33, 112—Cal. 122, 230,
322, 326, 376, 600, 606, 914, 1044—
Colo. 75—Conn. 54, 59, 169, 234, 387,
434, 592—D. C. 30, 92—Fla. 153, 285,
351—Ga. 193—Ill. 155, 162, 454—Ind. 92,
180, 273, 441, 556, 573, 591—Kan. 90—
Ky. 98—Md. 25, 130—Mass. 71, 277, 310,
353, 649—Mich. 845, 865, 891, 959, 1102,
1111, 1163, 1203, 1363—Minn. 183, 252—
Mo. 103, 157, 470—N. J. 12, 228,
306, 326, 331, 382, 412, 413, 431,
457, 495, 570, 578—N. Y. 27, 125,
179, 442, 598, 683, 684, 928, 1010,
1291, 1623, 1651—Ohio 198, 528, 946, 1128,
1202, 1639, 1674, 1684—Okla. 22, 30, 111,
122, 131—Pa. 250, 520, 926—R. I. 23, 31, 65,
71—Tenn. 1, 9—Tex. 113, 169, 300, 339,
689—Utah 52—Va. 14—Wis. 77, 408—
Canada 158, 215, 351, 467, 511, 529,
581, 633

WELDON TOOL CO., THE

3000 Woodhill Rd.
Cleveland 4, Ohio

Ala. 123—Ariz. 33—Cal. 322, 1069, 1198,
1377—Colo. 59—Conn. 132, 260—
Fla. 336—Ga. 207—Ill. 15, 529, 710, 874,
1189—Ind. 74, 180—Iowa 52—Kan. 88—
Ky. 63—Md. 36—Mass. 340, 431, 541—
Mich. 130, 850, 959, 1087, 1129—
Minn. 113—Mo. 196, 584—N. J. 44,
166—N. Y. 258, 452, 675, 1285, 1435,
1623, 1700—N. C. 137—Ohio 268,
1091, 1158, 1200, 1695, 1707—
Ore. 87—Pa. 172, 243, 327, 926,
1348—R. I. 7—Tenn. 45, 122—
Tex. 168, 564, 864—Utah 26—
Va. 52, 136—Wash. 86—Wis. 355—
Canada 467

WELLMAN ENGINEERING CO., THE

Anker-Holth Div.
Los Angeles 22, Calif.
2723 Connor St.
Port Huron, Mich.

Ala. 72—Cal. 203, 1208—Colo. 121—
Conn. 111—Fla. 132—Ga. 114—Ill. 800—
Ind. 236—Ky. 66—La. 124—Mass. 428—
Mich. 661—Minn. 292—N. Y. 917,
1354, 1641—Ohio 420, 858, 1605,
1749—Ore. 45—Pa. 963, 1232—
Tenn. 80, 160, 245—Pa. 963, 1232—
Tenn. 80, 160, 245—Tex. 721—
Va. 86—Wash. 179—W. Va. 48—
Canada 165

WELLS-MANUFACTURING CORP.

600 Service Rd.
Three Rivers, Mich.

Ala. 79, 171, 174—Ariz. 13, 104—Ark. 25—
Cal. 29, 124, 168, 523, 704, 893, 925,
1013, 1070, 1118, 1209—Colo. 48, 93, 142—
Conn. 53, 175, 190, 284—Del. 11—
D. C. 96—Fla. 16, 71, 156, 240, 304,
312—Ga. 58, 339—Idaho 13—Ill. 112,
120, 852, 1011, 1101, 1158—Ind. 28,
52, 91, 98, 273, 564—Iowa 16, 21, 56,
99, 107, 164—Kan. 110, 127—Ky. 20,
65, 84, 85, 92—La. 30, 192, 198,
231—Me. 8—Md. 25—Mass. 159, 288,
523—Mich. 18, 37, 185, 426, 865,
956, 977, 1073, 1125, 1159, 1203,
1257, 1307—Minn. 216—Miss. 9, 17—
Mo. 31, 66, 272, 418, 594—Mont. 18, 23—
Neb. 9, 18, 32—N. H. 13—N. J. 161,
580—N. M. 22, 25—N. Y. 73, 179,
198, 445, 655, 1149, 1183, 1468,
1611, 1648, 1658—N. C. 137, 236,
258—Ohio 28, 76, 461, 782, 895,
1086, 1225, 1355, 1410, 1580, 1674—
Okla. 22, 104—Ore. 15, 153—Pa. 31, 94,
197, 252, 328, 538, 650, 972, 1097, 1304—
R. I. 60—S. C. 6, 14, 33—Tenn. 30, 103,
143, 166, 249, 255—Tex. 112, 401, 463,
517, 736, 799, 858, 884—Utah 43, 65—
Va. 24, 52, 112—Wash. 50, 143, 349, 383—
W. Va. 48—Wis. 387—Canada 11, 33, 99,
102, 132, 143, 268, 477, 517, 520, 639

WELLS & SONS, W. F.

1959 Thomas Rd.
Three Rivers, Mich.

Ariz. 4, 49, 108—Cal. 546, 737, 753,
794, 916, 951, 1000, 1044, 1310—
Colo. 23, 105—Conn. 477—D. C. 30—
Fla. 56, 84, 172, 237, 249, 280, 331—
Ga. 18, 46, 58, 280, 289—Idaho 13—
Ill. 205, 240, 426, 493, 1035, 1151,
1243, 1244—Ind. 24, 28, 567, 606—
Kan. 47, 98—La. 133, 166—
Mass. 288—Mich. 48, 237, 300, 403, 687,
887, 1011, 1125, 1219—Minn. 86, 208—
Miss. 14—Mo. 71, 117, 200, 345—
N. J. 344, 518—N. Y. 65, 342, 468,
647, 861, 1159, 1185, 1369, 1503—
N. C. 26, 260—Ohio 70, 196, 302,
377, 648, 665, 709, 895, 1086, 1280,
1390, 1686—Okla. 104—Pa. 157, 292,
689, 984, 1004, 1101, 1337—Tenn. 34,
54, 102, 177—Tex. 218, 254, 510,
641, 676—Va. 36, 39, 48, 51—
Wash. 313—W. Va. 12, 73—Wis. 231

WELTRONIC CO.

19500 W. Eight Mile Rd.
Detroit 41, Mich.
Cal. 277—Ill. 801—Mo. 583—
N. Y. 375—Ohio 1700, 1711—Pa. 755

WENDT-SONIS CO.

Tenth and Collier St.
Hannibal, Mo.

Ark. 42—Cal. 230—Fla. 95—Ga. 289—
Ill. 1024—Ind. 458, 581—Iowa 152—
Mass. 3—Mich. 812—Mo. 600—
N. Y. 887, 1326—N. C. 238—Ohio 271,
1563—Pa. 453—Tex. 311—Wis. 447—
Canada 491

WESCHE ELECTRIC CO., B. A.

9027 Shell Rd.
Cincinnati 36, Ohio
Ill. 824—Md. 171—Mass. 477—Ohio 397,
693—Pa. 613

WESSON CO.

1220 Woodward Hgts. Blvd.
Ferndale 20, Mich.

(See advertisement p. 37-38)

Ark. 26—Cal. 230—Conn. 241—
D. C. 91—Ill. 42, 873, 1130, 1177,
1211, 1268, 1280—Ind. 453—
Md. 104—Mich. 20, 893—Minn. 229—
Mo. 127—Neb. 32—N. J. 111, 472—
N. Y. 111, 1194, 1486—Ohio 400,
1010, 1342, 1693—Pa. 215, 1194,
1254—Tenn. 49, 216—Tex. 366—
Wis. 432

WEST POINT MANUFACTURING CO.

26935 W. Seven Mile Rd.
Detroit 40, Mich.

(See advertisement p. 213)

Ala. 185—Ariz. 112—Cal. 564, 658, 876—
Colo. 83—Conn. 330—Fla. 71—Ga. 80—
Ill. 407—Ind. 403, 539—Kan. 74—
Ky. 117—Me. 36—Mass. 145—Mich. 422—
Minn. 243—Mo. 103, 505—N. J. 21,
47—N. Y. 253, 568, 1391, 1697—
N. C. 261—Ohio 1001, 1188, 1639—
Ore. 186—Pa. 1087—R. I. 44—
Tenn. 124—Tex. 314, 733—Utah 74—
Wash. 269—Wis. 125—Canada 237,
477

WEST TOOL & DIE CORP., R. C.

4490 Broadway
Depew, N. Y.

(Contact manufacturer direct)

WESTERN COATING CO.

P. O. Box 598, Oakridge Sta.
Royal Oak 3, Mich.

Cal. 985—Fla. 164, 218—Ga. 127—
Ill. 635—Kan. 109—Mich. 973—Mo. 366,
445—N. Y. 478—Ohio 428, 1278,
1520—Okla. 138—Pa. 203, 446—
Tex. 218, 671—Canada 556

WESTERN GEAR CORP.

2600 E. Imperial Hwy.
Lynwood, Cal.

(Contact manufacturer direct)

WESTERN MACHINE TOOL WORKS

255 W. Ninth St.
Holland, Mich.

(Contact manufacturer direct)

WESTERN MANUFACTURING CO.

3428 Scotten Ave.
Detroit 10, Mich.

(Contact manufacturer direct)

WESTFIELD METAL PRODUCTS CO., INC.

1100 Lower Union St.
Westfield, Mass.

Colo. 77—Ga. 155—Ill. 147—Mo. 361—
N. Y. 406, 773—Pa. 66

WESTINGHOUSE AIR BRAKE CO.

Industrial Products Div.
P. O. Box 36
Wilmerding, Pa.

Ala. 23, 196—Ariz. 5, 106—Cal. 31, 152,
158, 295, 298, 541, 785, 1065, 1293, 1424,
1487—Colo. 69—Conn. 42—
D. C. 100—Fla. 86, 123, 127, 177,
251, 296—Ga. 101, 155—Ill. 57, 383,
555, 803, 1020—Ind. 43—Iowa 15—
Kan. 116—La. 158, 204—Md. 48—
Mass. 244, 351, 362—Mich. 396, 1179,
1314, 1332—Minn. 308—Miss. 1, 3, 6, 27—
Mo. 43, 523—Mont. 7—Neb. 9—
N. J. 263, 356—N. Y. 27, 134, 876,
996, 1140, 1162, 1446, 1615—Ohio 19,
285, 865, 873, 1107—Okla. 35—
Ore. 22, 93—Pa. 138, 690, 1084,
1311—R. I. 18—S. C. 8, 78—
Tenn. 255—Tex. 5, 7, 79, 367, 439, 571,
749, 773, 819, 830, 883—Utah 99—Va. 32—
Wash. 143, 196, 334—W. Va. 54, 81—
Wis. 310, 434—Wyom. 2

WESTINGHOUSE AIR BRAKE CO.

Le Roi Div.
Milwaukee 1, Wis.

Cal. 907—Del. 126—Ga. 147—
N. Y. 956—Ohio 751—Okla. 125—
Canada 170

WESTINGHOUSE ELECTRIC CORP.

P. O. Box 2278
Pittsburgh 30, Pa.

(Contact manufacturer direct)

MANUFACTURERS

WESTINGHOUSE ELECTRIC CORP.

Industrial Electronics Dept.
2519 Wilkens Ave.
Baltimore 3, Md.

(Contact manufacturer direct)

WESTWOOD ENGINEERING CO.

2234 Purdue Ave.
Los Angeles 64, Cal.
Cal. 786

WETMORE TOOL & ENGINEERING CO.

5320 E. Washington Blvd.
Los Angeles 22, Calif.
Cal. 45, 1044—Colo. 104—Fla. 336—
Ind. 139—Kan. 118—Md. 36—Mass. 212—
Mo. 454—N. J. 449—N. Y. 297, 414,
568—Ohio 1367—Okla. 122—Tex. 150,
338—Wash. 86

WETTLAUER ENGINEERING CORP.

See Pioneer Engineering &
Manufacturing Co.

WHARTON AND WILCOCKS OF AMERICA, INC.

17 Battery Pl.
New York 4, N. Y.
Ariz. 30—Ill. 901—Va. 64

WHEEL DRESSING, INC.

9516 Burnette
Detroit 4, Mich.
Ind. 495—N. Y. 1471

WHEEL TRUEING TOOL CO.

3200 W. Davison Ave.
Detroit 38, Mich.
Ala. 51—Cal. 786—Ill. 928—Ind. 247—
Mich. 949—Minn. 214—Mo. 66, 253—
N. J. 26—Ohio 119, 256, 1226—
Tenn. 203—Tex. 314, 759

WHEELABRATOR CORP.

1460 S. Byrkit St.
Mishawaka, Ind.
Ala. 160—Cal. 986—Ill. 804—Mich. 788—
Mo. 585—N. J. 595—Ohio 452, 1012,
Pa. 757, 1144—Tex. 752

WHEELABRATOR CORP.

See Also Techline Div.

WHEELLOCK, LOVEJOY & CO., INC.

128 Sidney St.
Cambridge 39, Mass.
Ill. 805—Mass. 267—Mich. 1379—
N. J. 202—N. Y. 376—N. C. 128—
Ohio 453, 1013—Canada 444, 616

WHISTLER & SONS, INC., S. B.

752 Military Rd.
Buffalo 23, N. Y.

(See advertisement p. 581)

Cal. 615, 1207—Conn. 300—Fla. 248—
Ill. 20, 464, 1223—Ind. 267, 468—Md. 6—
Mich. 739—Minn. 298—N. J. 260,
371—N. Y. 309—N. C. 26—
Ohio 1417—Pa. 590, 1054—Tenn. 35—
Tex. 112, 654—Wash. 275—Wis. 277—
Canada 455

WHITE & BACLEY CO., THE

100 Foster St.
Worcester 8, Mass.
Cal. 187, 995—Mich. 790—Mo. 470—
N. J. 228—N. Y. 314—Ohio 302, 576—
Canada 152, 592

WHITING CORP.

157th and Lathrop
Harvey, Ill.
Ala. 114—Cal. 866—Colo. 159—

Ill. 808A—Mich. 791—Minn. 250—
Mo. 599—Neb. 20—N. Y. 374, 1165—
N. C. 141—Ohio 456, 1017—Pa. 57,
1148—Tex. 386, 754—Utah 22—
Wash. 317—Canada 488

WHITMAN & BARNES

40600 Plymouth Rd.
Plymouth, Mich.
Cal. 160, 789—Ga. 68—Ill. 809—Ind. 381—
Md. 18—Mass. 409—N. Y. 1167, 1213,
1627—N. C. 240—Ohio 808, 1387—
Pa. 49—Tex. 636, 828—Wash. 4—
Wis. 26

WHITNEY MANUFACTURING CO., W. A.

636 Race St.
Rockford, Ill.
(Contact manufacturer direct)

WHITNEY METAL TOOL CO.

110 Forbes St.
Rockford, Ill.
(Contact manufacturer direct)

WHITTON MANUFACTURING CO., THE

Route Six and New Britain Ave.
Farmington, Conn.
Cal. 627—Fla. 287—Ga. 303—Ill. 588—
Mass. 548—Mich. 347, 792, 821—
N. J. 166—N. Y. 468, 1609—Ohio 510

WHITON MACHINE CO., THE

190 Howard St.
New London, Conn.
Conn. 497—Fla. 327—Ill. 286, 641—
La. 184—Mich. 63—Mo. 554—
N. Y. 946—Pa. 510—Wis. 443—
Canada 571

WHITTAKER, CLARK & DANIELS, INC.

260 W. Broadway
New York 13, N. Y.
(Contact manufacturer direct)

WICACO MACHINE CORP.

4801 Stenton Ave.
Philadelphia 44, Pa.
Ill. 544—Ind. 295—Mass. 646—Mich. 183—
Minn. 177—Mo. 460—N. Y. 609—
Ohio 302, 1410—Pa. 135—Wis. 313—
Canada 542

WICKES CORP., THE

Wickes Machine Tool Div.
515 N. Washington Ave.
Saginaw, Mich.
Cal. 250—Ill. 1059—Ind. 407—N. Y. 656—

WICKMAN MANUFACTURING CO.

10325 Capital Ave.
Oak Park 37, Mich.
Cal. 425, 1377, 1470—D. C. 47—Ill. 964,
1225—Kan. 130—Ky. 65—Mass. 597—
Mich. 129, 935—Minn. 113—Mo. 567—
N. Y. 362, 833, 1417—Ohio 325, 1019,
1280—Pa. 316, 1077—Tenn. 49—Tex. 314,
741—Wash. 258—Wis. 494—Canada 476

WICKWIRE SPENCER STEEL DIV.

See The Colorado Fuel & Iron Corp.

WIEDEMANN MACHINE CO.

Gulph Rd.
King of Prussia, Pa.
(See advertisement p. 583)
Ala. 153—Cal. 536, 1151—Colo. 155—
D. C. 30—Ga. 207—Ill. 320—Ind. 267—
Kan. 80—Md. 21—Mass. 230—Mich. 145,
1203—Minn. 183—Mo. 108, 355—
N. M. 43—N. Y. 306, 656, 884, 1395, 1585—
Ohio 648, 1225—Okla. 132—Ore. 174—
Pa. 1069—Tex. 112, 590—Wash. 274, 363—
Wis. 320—Canada 381, 633

WIELANDS, INC.

18 Locust La.
Pittsburgh 28, Pa.
La. 80—Pa. 772, 912—Tenn. 168, 211

WIESMAN MANUFACTURING CO.

35 S. St. Clair St.
Dayton 2, Ohio

WIESNER-RAPP CO., INC.

See Farnham Div.

WIGGINS OIL TOOL CO., E. B.

3424 E. Olympic Blvd.
Los Angeles, Cal.
(Contact manufacturer direct)

WILBUR & WILLIAMS CO. INC., THE

650 Pleasant St.
Norwood, Mass.
Ala. 178—Cal. 33, 507, 1259—Fla. 13, 85,
128, 217, 322—Ga. 266—Ill. 416, 574—
La. 171, 178—Me. 4—Md. 202—Mass. 60,
386, 408, 471, 595—Mich. 1137, 1217—
Minn. 70—Mo. 93, 372, 412—Mont. 8—
N. H. 10A—N. J. 181, 333, 463—N. M. 24—
N. Y. 1174, 1186, 1564, 1644—N. C. 4—
Ohio 402, 765—Ore. 137—Pa. 337, 483, 795,
956, 992—R. I. 8—Tenn. 100, 117—Tex. 69,
369—Utah 33—Va. 25, 85—Wash. 86—
Wis. 51, 59—Canada 659

WILKERSON CORP.

1601 W. Girard
Englewood, Colo.
Ariz. 26, 108—Cal. 741, 1322—Colo. 135—
Fla. 235—Ill. 452—Ind. 207, 587—
Kan. 10, 125—Mass. 244—Mich. 503—
Minn. 273—Mo. 589—Neb. 62—N. J. 264—
N. Y. 595, 1400—Ohio 756—Pa. 729, 877—
Tex. 440, 854—Va. 126—Wash. 285—
Wis. 271—Canada 64, 398

WILEY'S CARBIDE TOOL CO.

1340 W. Vernor Hwy.
Detroit 1, Mich.
(See advertisement p. 309)
Ariz. 104—Colo. 75—Conn. 189—
Fla. 233—Ill. 94, 856, 1151—Ind. 79, 422—
Iowa 107—Kan. 10—Ky. 24—La. 157—
Md. 195—Mass. 18—Minn. 61—Mo. 469—
N. Y. 297, 767, 1514—Ohio 576—Pa. 398—
S. D. 14—Tex. 319—Wis. 89

WILLIAMS & CO., J. H.

400 Vulcan St.
Cal. 10, 188A, 792, 1058, 1193—Colo. 195—
Ga. 293—Ill. 812, 931—Ind. 442, 527—
La. 79A—Mass. 320—Mich. 57—Mo. 425—
N. J. 500—N. Y. 51, 379, 1172, 1250, 1635,
1696—N. C. 85—Ohio 1374—Okla. 171—
Pa. 277, 1023, 1267—Tex. 183, 521—
Wash. 247—Wis. 296

WILLIAMSON GEAR & MACHINE CO.

2606-10 N. Martha St.
Philadelphia 25, Pa.
(Contact manufacturer direct)

WILSON AUTOMATION CO.

P. O. Box 3855
Detroit 5, Mich.
(Contact manufacturer direct)

WILSON, INC., K. R.

Mill St.
Arcade, N. Y.
Cal. 434, 753, 1207—Ga. 289—Ill. 494—
Kan. 45—Md. 33—Mich. 826—
N. Y. 1000—Okla. 22—Pa. 510—
Tex. 271—Utah 57—Canada 477

WILSON MECHANICAL INSTRUMENT DIV.

See American Chain & Cable Co., Inc.

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9525 Irving Park Rd., P. O. Box 56
Schiller Park, Ill.
Cal. 598, 1248—Colo. 131—Ga. 38—
Ill. 921—Kan. 25—La. 45—Mass. 275—
Mich. 64—Minn. 320—Mo. 90—N. Y. 59,
1481—Ohio 1210, 1509—Okla. 89—
Pa. 591—Tex. 54, 61, 563—Wash. 192

WINTER BROTHERS CO.

Rochester, Mich.

(See advertisement p. 8)

(Contact manufacturer direct)

WINTRISS, INC.

20 Vandam St.
New York 13, N. Y.
Cal. 39—Conn. 15, 239—Ga. 42—Ill. 761—
Ind. 267—Mich. 764—Mo. 251—
N. Y. 1316—Ohio 841—Pa. 409

WINZELER STAMPING CO.

129 Wabash Ave.
Montpelier, Ohio

(Contact manufacturer direct)

WIRTH & SON, INC., CARL

1625 Clinton Ave., N.
Rochester 21, N. Y.
Cal. 606—Conn. 302—Fla. 239—Ind. 126—
Md. 36—Mich. 203—Minn. 198—
Mo. 470—N. J. 81, 141—N. Y. 796—
Ohio 373, 972—Ore. 136—S. C. 61—
Wash. 172—Wis. 169—Canada 29, 83,
123, 439, 508, 612

WISCONSIN DRILL HEAD CO.

4987 N. 124th St.
Butler, Wis.

(See advertisement p. 590)

Cal. 301—Colo. 49—Conn. 475—Ga. 148—
Ill. 171, 1015—Ind. 250—Kan. 118—
Mich. 404, 865, 1027—Mo. 420—
N. Y. 1559—Ohio 811, 1625—Pa. 207,
549, 1123—R. I. 63—Tex. 590—Wis. 397—
Canada 311

WITTEK MANUFACTURING CO.

4305 W. 24th Pl.
Chicago 23, Ill.
Cal. 359, 523, 658, 1207—Conn. 48—
Ill. 233—Ind. 118—Ky. 84—Mass. 233—
Mich. 112, 119—Neb. 42—N. Y. 94,
1257—Ohio 666, 1426—Va. 88—Canada 477

WODACK ELECTRIC TOOL CORP.

4627 W. Huron St.
Chicago 44, Ill.

(Contact manufacturer direct)

WOHLFAHRT ENGINEERING & MANUFACTURING CO.

25205 Ryan Rd.
Center Line, Mich.

(Contact manufacturer direct)

WOHLNIP PRODUCTS, INC.

17 Roff Ave.
Pallades Park, N. J.
Ariz. 33, 108—Cal. 172, 467, 914, 1045,
1377, 1429—Conn. 122, 494—Ill. 628—
Iowa 122—Mich. 671, 1190—Minn. 112,
288—Mo. 56—N. J. 210—N. M. 25—
N. Y. 100, 437, 1606—Ohio 878—Ore. 61—
Pa. 1151—Utah 2—Wash. 269

WOLLENSAK OPTICAL CO.

850 Hudson Ave.
Rochester 21, N. Y.
Cal. 800

WOLVERINE TOOL CO.

1480 E. Woodbridge
Detroit 7, Mich.

(Contact manufacturer direct)

WOOD CO., R. D.

1072 Public Ledger Bldg.
Philadelphia 5, Pa.
Ala. 22—Ill. 523—N. Y. 306—Ore. 156—
Pa. 938

WOOD & SPENCER CO., THE

1936 E. 61st St.
Cleveland 3, Ohio

(Contact manufacturer direct)

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349 Lincoln St.
Hingham, Mass.
Colo. 83—Conn. 245—Fla. 239—
Ill. 1105—Mass. 406—Minn. 61—Mo. 470—
N. J. 449—N. Y. 420, 1414—N. C. 144—
Ohio 116—Pa. 178, 1271—Wis. 169—
Canada 637

WOODS MACHINE CO., S. A.

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Boston 27, Mass.
Ark. 35—N. Y. 1065—Ore. 194—
Tenn. 220—Canada 44

WOODSON TOOL CO.

4811 W. Lennox Blvd.
Inglewood 2, Cal.
(Contact manufacturer direct)

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Colo. 92—Conn. 258—D. C. 102—
Fla. 277—Ill. 642, 985, 1122—Ind. 423—
Mass. 541—Mich. 8, 315, 821—Minn. 212—
Mo. 49—N. J. 81, 166—N. Y. 50, 380—
N. C. 114—Pa. 278, 778, 1234—Tex. 316—
Wash. 143—Wis. 376—Canada 155

WORTHINGTON CORP.

Worthington Ave.
Harrison, N. J.
Cal. 801, 1355—Colo. 220—Ga. 257—
Ill. 820—La. 145—Mass. 211—Mich. 801—
Minn. 261—Mo. 247, 588—N. J. 187—
N. Y. 384, 1175—Ohio 465, 1026—
Okla. 172—Pa. 760, 1157—Tex. 247, 408,
635—Utah 110—Wash. 321

WRIGHT & SONS, GREGG

119 Opera Pl.
Cincinnati 2, Ohio
(Contact manufacturer direct)

WRIGHT HOIST DIV.

See American Chain & Cable Co., Inc.

WROUGHT WASHER MANUFACTURING CO.

2183 S. Bay St.
Milwaukee 7, Wis.
(Contact manufacturer direct)

WYSONG AND MILES CO.

615 Fulton St.
Greensboro, N. C.
(Contact manufacturer direct)

WYZENBEEK & STAFF, INC.

223 N. California Ave.
Chicago 12, Ill.
Cal. 1345—Pa. 1324—Canada 477

—X—

X L GEARS, INC.

69 Prospect St.
Newark 5, N. J.

(Contact manufacturer direct)

—Y—

YALE & TOWNE

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Yale Materials Handling Div.
11000 Roosevelt Rd.
Philadelphia 15, Pa.
Ala. 45, 190—Ariz. 54—Cal. 176, 805,
832, 1101, 1403, 1491—Colo. 51—
Conn. 259—D. C. 70—Fla. 105, 193, 314,
349—Ga. 142, 334—Ill. 734, 823, 997,
1090—Ind. 39, 189, 549—Iowa 111—
Kan. 71—Ky. 39—La. 68—Md. 162—
Mass. 589—Mich. 467, 805, 971, 1203—
Minn. 262, 323—Mo. 69, 467—Neb. 58—
N. J. 198—N. M. 4—N. Y. 29, 238, 614,
835, 913, 1331, 1566—N. C. 44, 162—
N. D. 6—Ohio 53, 466, 722, 1030, 1063,
1275, 1606—Okla. 173—Ore. 156—Pa. 192,
268, 764, 1159—S. C. 34—Tenn. 37, 93,
178, 257—Tex. 112, 381, 649—Utah 62—
Va. 106—Wash. 100, 365—W. Va. 10, 34,
39—Wis. 53, 232—Canada 29, 83, 123,
439, 505, 612

YODER CO., THE

5500 Walworth Ave.
Cleveland 2, Ohio
Cal. 629—Conn. 390—Ill. 825—Ind. 407—
Mich. 807—Minn. 229—Mo. 353—
N. Y. 1611—N. C. 172—Ohio 1031, 1315,
1664—Ore. 93—Pa. 1161—Wash. 143—
Canada 612

YOUNG MACHINE TOOL

Church Rd.
Bridgeport, Pa.
Cal. 1405—Mich. 553—Ohio 327, 783—
Pa. 51, 995

YOUNGBERG BROTHERS

P. O. Box 364
Charlestown, N. H.
Conn. 252

—Z—

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24000 Lakeland Blvd.
Cleveland 23, Ohio
Ala. 64—Ariz. 33—Cal. 46, 664—
Colo. 217—Conn. 148—Fla. 173, 240—
Ga. 322—Ill. 628, 1119—Ind. 139—
Ky. 58—La. 86—Mass. 385—Mich. 808,
1122—Minn. 242—Mo. 267—N. J. 144—
N. M. 25—N. Y. 179—N. C. 158—Ohio 822,
861, 1339, 1654—Okla. 111—Ore. 93—
Pa. 766, 903—S. C. 61—Tenn. 49, 216—
Tex. 289—Utah 65—Wash. 274—
Wis. 445—Canada 477

ZEISS, INC., CARL

485 Fifth Ave.
New York 17, N. Y.
(See advertisement p. 224)
(Contact manufacturer direct)

ZIEGLER TOOL CO., W. M.

13579 Auburn Ave.
Detroit 23, Mich.
Cal. 664, 875—Conn. 245—Ind. 180—
Mich. 248, 784, 925—N. J. 449—
N. Y. 1545—Ohio 804, 1262—R. I. 17—
Tex. 150—Wis. 437

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903—Mo. 591—Ohio 1696—Wis. 27

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GUARANTEED**

to out-perform any other style of carbide throw-away insert—for straight turning, boring, or facing applications—on any kind of material.

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carbide**



**indexable
insert**

The pentagon is a cam ground, radii tangent, indexable insert of solid carbide. It presents **10 cutting edges** at a 30° lead angle and each edge will produce more finished work than the edge of any other standard insert.

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Send your part print and present tool layout for prompt quotation

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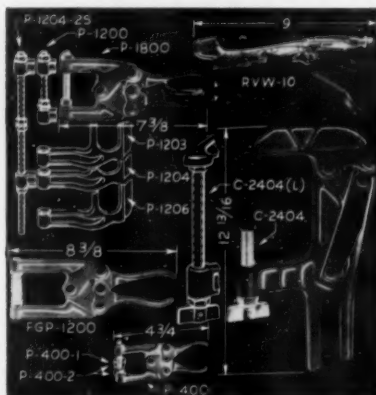
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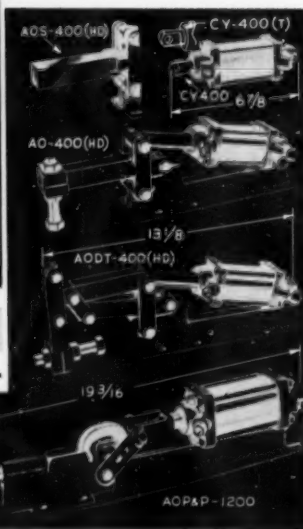
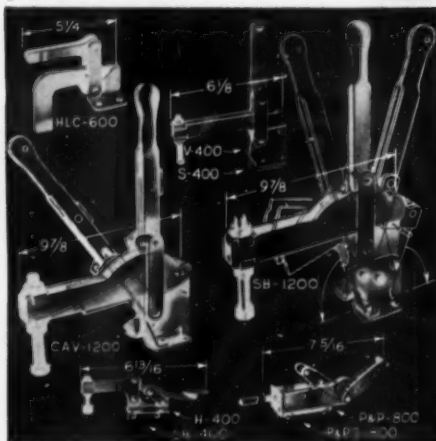
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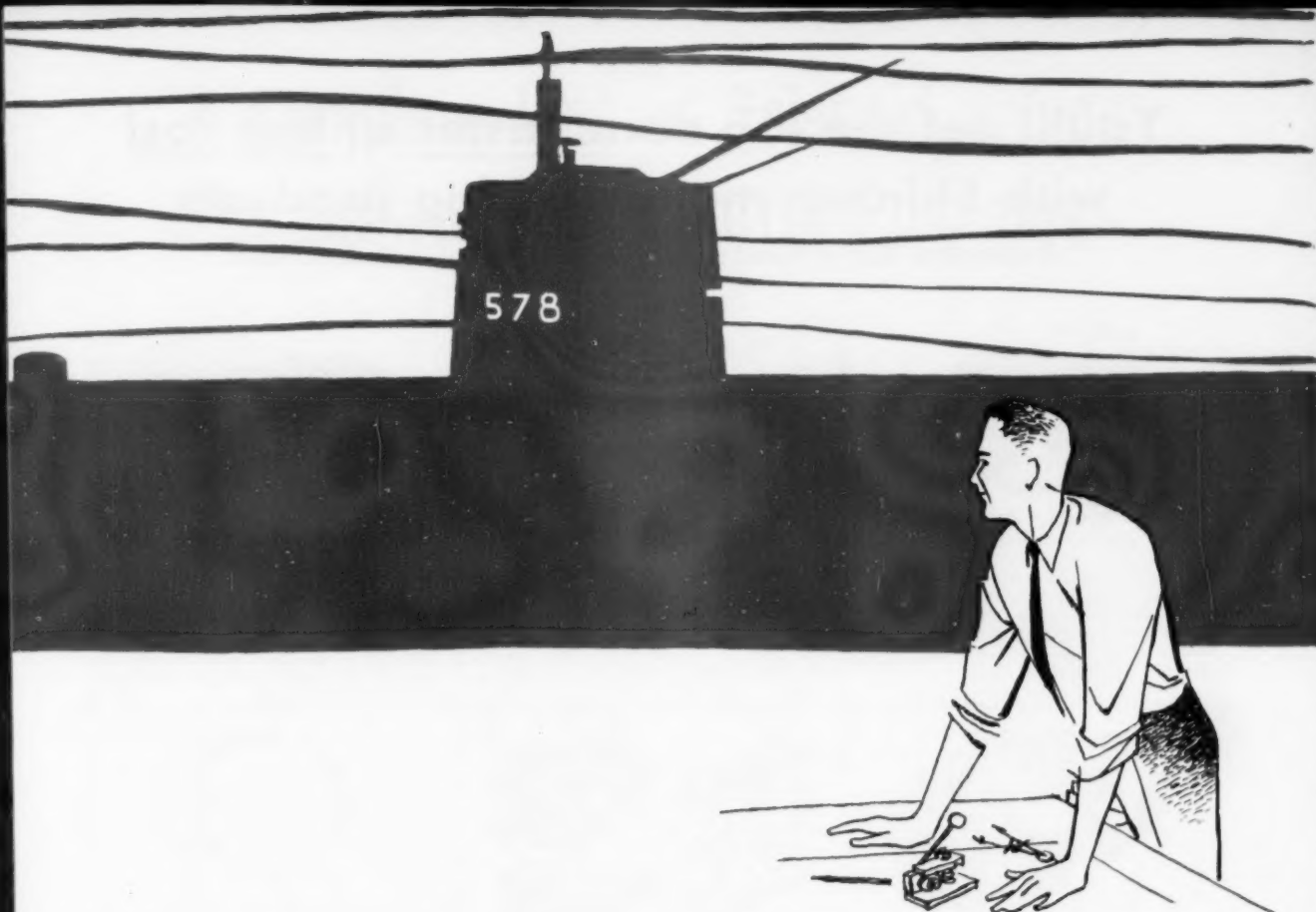
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Manufacturers of over 150 models of manually and air-operated clamps and pliers.

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MONROE ENGINEERING PRODUCTS, INC.

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Charter Members of the National Institute of Jig and Fixture Component Manufacturers



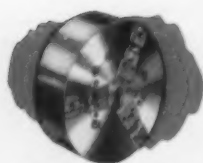
JIG AND FIXTURE COMPONENTS

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You'll get the job done faster at less cost with Skinner metalworking products

A complete line of hand chucks, power chucks, cylinders, vises



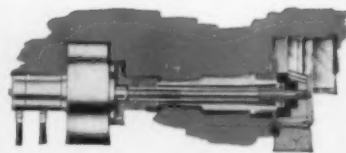
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Provide positive gripping power. Assure accuracy within .001" on diameter on repetitive work. Available in self-centering, combination, serrated jaw, compensating, lightweight self-centering types and in sizes from 6" to 24" diameter. Mount directly on American Standard Type A-1, A-2, B-1 and B-2 flanged spindle noses.



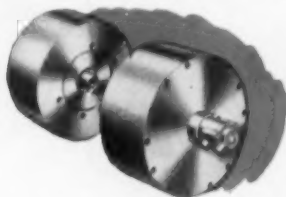
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Non-rotating. Hold work for drilling, milling, assembly operations. Air-operated for fast, effortless loading and unloading. In sizes from 5" to 24" with either two or three adjustable or non-adjustable jaws.



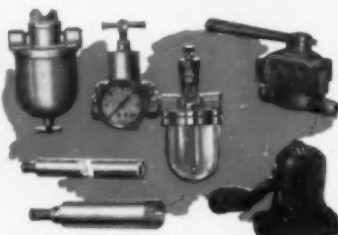
JUNIOR POWER CHUCKING UNIT

Designed to convert small lathes to high production power units. Case histories show users make worthwhile savings. Complete unit includes double-acting air cylinder, adapters, regulator, valve and self-centering chuck with 1/4" to 6" capacity. Components may be purchased separately.



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Double-acting, rotating operation. Speed production by opening or closing power chuck jaws almost instantly. Large ports assure fast action with minimum air expenditure. Standard sizes range from 4-1/2" to 20". Speeds up to 3500 RPM.



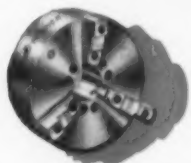
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A complete line of power chucking accessories is available: Hand and foot operated valves, draw bars and tubes, air filters, complete air units.



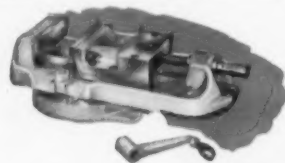
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Fastest, surest way to drive 1/4" to 8-1/16" rough or smooth blanks between centers. Used instead of driving dogs. Mount on spindle of any lathe by means of adaptor plate. Engage and disengage workpieces quickly. Positively will not loosen. Have no protruding parts. Hood completely covers jaws. Drivers will work in either direction.



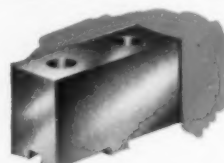
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A large selection of Independent, Self-Centering and Combination chucks. Sizes suited to machines ranging from bench lathes to engine and turret lathes in sizes up to 36". Both direct mounting types and types for use with intermediate adaptor plates.



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A Complete Line of Solenoid Valves to answer your Control Problems.



Two-way C Series

A high quality, 2-way, miniature cut-off valve offering top performance at lowest price. Small, lightweight (only 12 oz.) yet designed to operate for millions of cycles in automotive fuel systems, oil burners, vending machines, dental equipment, air horns, welding equipment, humidifiers, automated systems, etc. Available normally closed only.



Two-way L Series

A newly designed high-flow industrial valve for use with all common media such as water, oil, air, etc. Light and compact, it mounts directly to the line. Forged naval brass body, stainless steel parts and fully supported diaphragm assures long life and troublefree operation. Available normally open, normally closed and explosionproof.



Two-way R Series

A 2-way, pilot operated piston valve for use with all common media including air, inert gases, water and oil at standard and high pressures up to 1250 psi. Light and compact, it can be mounted directly to the line in any position and has a life expectancy of millions of cycles on most applications. Available normally closed, normally open and explosionproof.



Two- and Three-way V10 Series

Extremely compact, direct-acting slide type, high pressure hydraulic valve up to 1000 psi. Balanced pressure design provides maximum power. Same valve can serve as either a 2- or 3-way normally open, normally closed or 3-way directional control in machine tools, door openers, hydraulic cylinders, construction equipment, pilot for larger valve, etc.

Two- and Three-way V5 Series

Available in 2- or 3-way and explosionproof construction, this is the most popular and versatile stainless steel valve series. Over 100,000 variations available. Unlimited applications include machine tools, instrumentation, automation, air and hydraulic cylinders, oil burners, LPG equipment, dispensing machines, automotive, aircraft, dehumidifiers, laundry equipment, etc.

Three-way A Series

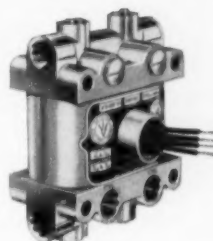
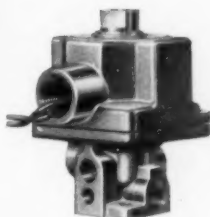
A new valve line designed for economical and efficient operation of medium size cylinders, this valve bridges the gap between the famous V5 line, used with small cylinders, and the reliable M3 line for large cylinders. It also provides faster operation of smaller cylinders where increased cycling speed is called for. It is designed for use with such media as air, oil and inert gases and can be used for vacuums down to 3 microns. Available normally open, normally closed, directional control and multi-directional.

Three-Way M Series

A 3-way valve for reliable high-flow industrial service under rugged conditions of use. Free-flow design provides large capacity with minimum sensitivity to media impurities in air vices, process equipment, presses, water treatment, air and hydraulic cylinders, machine tools, automotive equipment, etc. Available normally open, normally closed, directional control and explosionproof.

Four-way V9 Series

A compact, direct-acting, flexible all-purpose 4-way valve. Optional porting arrangements and speed control combinations provide over 350 basic variations for accurate, dependable control of single and double-acting cylinders, larger pilot-operated valves, etc. Available normally closed - normally closed, normally open - normally open, normally closed - normally open.



Skinner Solenoid Valves are distributed nationally.

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SKINNER ELECTRIC VALVES

THE SKINNER CHUCK COMPANY



NEW BRITAIN, CONNECTICUT

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**Assures You Precision
to the Finest Degree to
Meet Your Requirements
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Scale readings:
From .001" to .00005"

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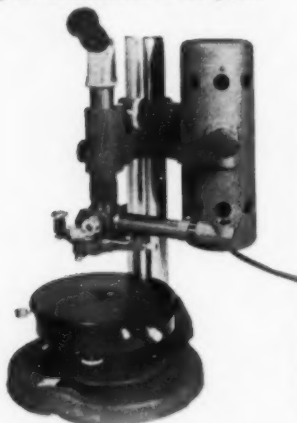
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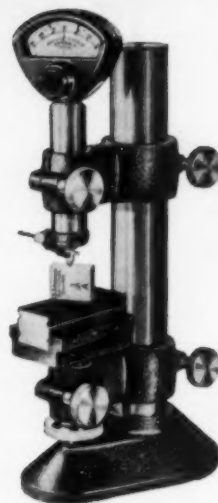
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Catalog Numbr	Scale Range Inches	Graduations Inches
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510E-4	0".0024	0".00005
510E-5	0".0014	0".00002
510E-6	0".0008	0".00001
510E-7	0".0004	0".000005
510E-8	0".0002	0".000002
510E-9	0".00008	0".000001
510E-10	0".00004	0".0000005

Measuring pressure adjustable from 0 to 40 oz.

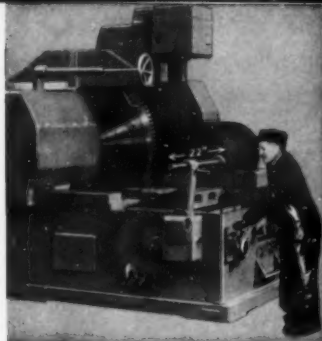


C E J MIKROKATOR 502-E

C. E. JOHANSSON GAGE CO.

A DIVISION OF SWEDISH GAGE CO.

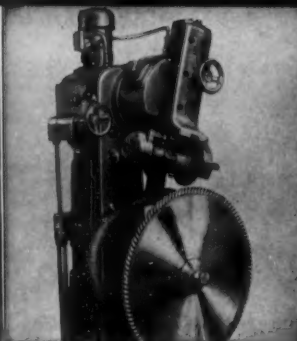
10641 HAGGERTY AVE. • BOX 4086 NORTHEASTERN STATION • DEARBORN 1, MICH.



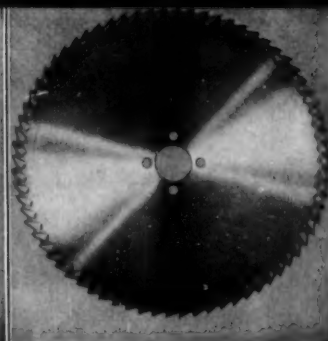
WK-Semi-Automatic Models. Cutting capacity up to 27" Dia. Ask for catalog #44e.



WKL-Long Stroke Models. High and Standard Speeds. Capacity 16"x60". Ask for catalog #58e.



Automatic Saw Blade Sharpener. 3 Models with capacities up to 52" and 72". Ask for catalog #51e.



Original Wagner Segmental Saw Blades up to 71" Dia. Ask for catalog #50e.

WAGNER

48 MODELS OF COLD SAWS to meet your requirements

Wagner, with a complete line of semi-automatic, full automatic, high speed and specialized models, covers the entire field for modern cold sawing of machineable metals.



Model WKA 630
FULLY AUTOMATIC



Albert

KLINGELHOFER MACHINE TOOL CORP.

Kenilworth, New Jersey

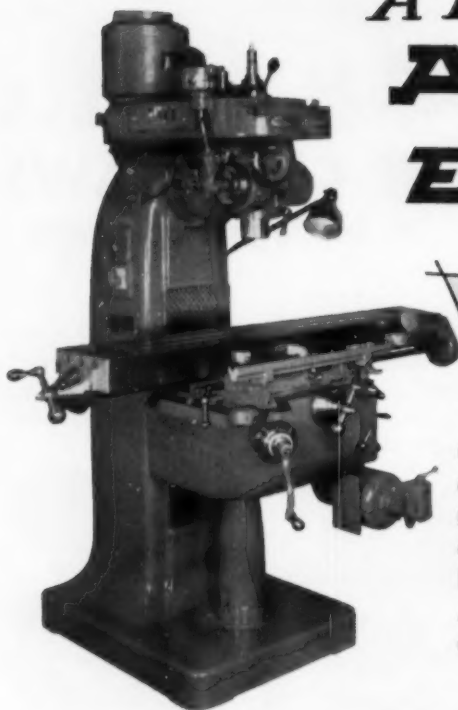
A Lot More

POWER

A Lot More

ACCURACY

ECONOMY too!

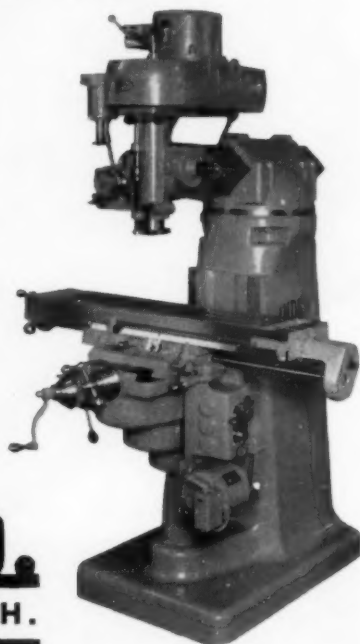


**"SUPER" VERTICAL
INDEX 55 MILL**

● 1 1/2 HP Head or optional 2 HP with continuous duty motor gives 50% or more capacity . . . More rigidity, more accuracy . . . Increased horse power and dynamically balanced Cast Iron Pulleys and Drive System afford improved production capacity . . . More weight in the column, heavier ribbed column, heavier knee, heavier saddle.

**INDEX 45" VERTICAL
MILL**

● Unique square design of overarm affords more rigidity, greater accuracy . . . Provides extra range and capacity . . . More power at the cutter. No adjustment required on overarm and head after use . . . No need to re-indicate head after moving overarm . . . Speed range with nine changes makes possible the use of high speed or carbide tipped cutters to best advantage.



INDEX Machine Co.

539 N. MECHANIC ST., JACKSON, MICH.

Branson

ULTRASONIC EQUIPMENT

for high-accuracy, high-speed, low-cost
**GAGING...
 FLAW DETECTION...
 CLEANING...**

ECONOMY: standard equipment adaptable to individual requirements • DEPENDABILITY: simple, rugged designs proven by years of use • SERVICE: factory-trained specialists before, during, after installation.

THICKNESS GAGING

from one side — in large SHEETS, PLATES, FORGINGS, TUBES, SPUN PARTS, and CASTINGS, before, during and after fabrication.

VIDICAGE

resonance type,
contact testing

Models 14, 21, and R (Automatic).
 Range 0.004" to 2.7", accuracies from
 1/2 to 1/50 of 1%. Bright image on large
 CR tube with interchangeable scales.
 Simple setup, no elaborate fixtures.
 Extension cables and intercom phones for
 remote work up to 1/5 mile from basic
 instrument. Wide choice of transducer sizes,
 shapes, mountings. Bulletin V-200.



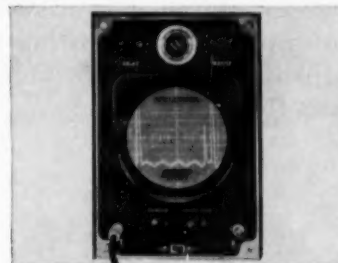
FLAW DETECTION

in WELDMENTS, RODS, TUBES, SHEETS, PLATES, COMPLEX SHAPES, with great portability, high sensitivity and resolution.

SONORAY

pulse-echo type
immersed or
contact testing

Model V. Compact, rugged, light
 precision instrument only 7½" x 11" x
 20¼", weighing only 35 pounds and
 easily operable by nontechnical personnel.
 High gain for coarse materials and immersed
 testing, high resolving power for small
 flaws and detection close to the surface.
 Very modest price. Bulletin T-203.



CLEANING

of large and small, intricate and simple parts — in batches or conveyorized systems; also strip and wire in continuous mills.

SONOCEN

pulsed-power
cleaning equipment

In many models and combinations of
 standard units from 1/2-gallon to
 hundreds-of-gallons capacity. Laboratory-
 size, roll-around, modular-cabinet, built-in
 and engineered systems to meet any
 cleaning requirement with equipment
 proven in years of use. Bulletin S-200.



When requesting
information
outline
your problem

Branson INSTRUMENTS, Inc. • 50 Brown House Road • Stamford • Conn.

SEND — BULLETIN V-200 — T-203 — S-200 — specific information on _____

NAME _____

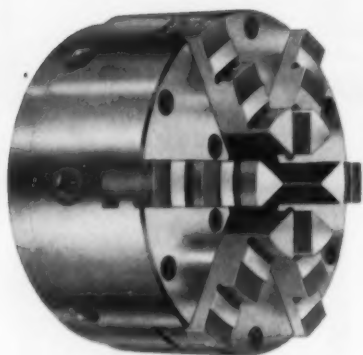
DEPARTMENT _____

FIRM _____

ADDRESS _____

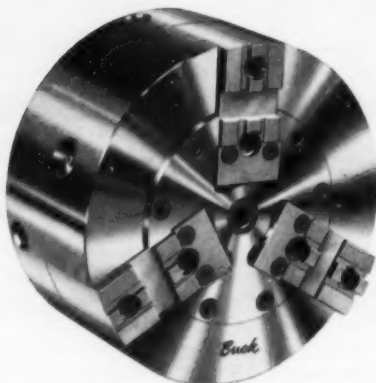
Chuck with *Buck*

for Precision Production,
Less Down-Time



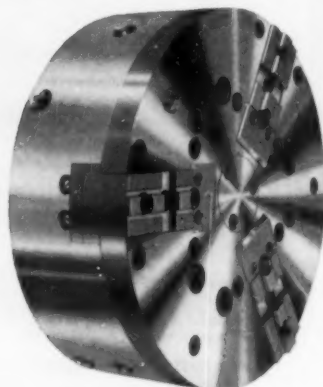
FAMOUS AJUST-TRU CHUCK

First precision scroll chuck guarantees .0005" precision on duplicate parts without adjustment. 3 and 6 jaws. Sizes from 4" to 12".



.001" PRECISION POWER CHUCK

Built with Buck Ajust-Tru principle. Saves down-time on chucking machines since jaws can be completely machined in tool room. 6" to 12" diameter.



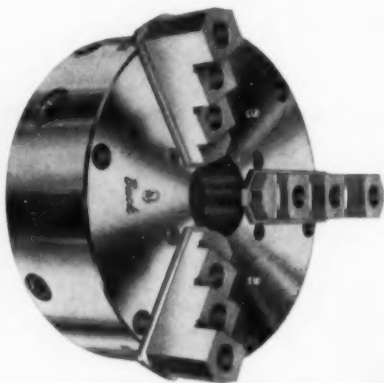
New Gibbed Keyway POWER CHUCK with Aluminum Body

Ajust-Tru design—.001" precision. Gibs *triple* accuracy life. 40% weight saving for high speeds and less machine wear. 6" to 18".



New INDEPENDENT MEEHANITE CHUCK

The first 4-jaw chuck with "power chuck type" keyways. Gives you greater rigidity, stability, strength. Sizes 4" to 12" made of Meehanite.



New DUST-PROOF AJUST-TRU CHUCK

Keeps out grinding dust yet permits use of full work-holding range. Guarantees .0005" precision on duplicate parts. Sizes 6", 9" and 12".

**It saves,
it pays to
chuck with Buck**

write for catalog

Buck
**TOOL
COMPANY**

2033 SCHIPPERS LANE, KALAMAZOO, MICH.



CERRO ALLOYS can do that job better...quicker...and for less cost!

CERRO ALLOYS comprise a group of bismuth alloys that have two notable characteristics: (1) they melt at relatively low temperatures; (2) in solidifying from the molten state they do not shrink but either hold their dimensions or expand slightly. These properties make them extremely useful for many industrial tasks, some of which are listed below.

ANCHORING

1. Bearings, bushings and non-moving parts in machinery.
2. Bushings in drill jigs, plates and fixtures.
3. Magnets in chucks, instruments, work-holding devices, etc.
4. Patterns in foundry match plates.
5. Punches and dies for blanking, piercing, trimming.

Also—

Bushings in abrasive wheels • cutlery handles • inserts and parts in ceramics, plastics, powdered metal, etc. • Locator members in aircraft and automotive assembly, drill, inspection and welding fixtures • halddown bolts in floors • metal parts in glass • needles in lace and textile machinery • precision parts for testing and inspection • shafts in permanent magnet rotors.

CHUCKS FOR

6. Spinning metal into re-entrant or bottle neck shapes.
7. Holding irregular shaped work pieces during machining.

Also—

Lens buffing • gem cutting • etc.

CORES FOR

8. Electroforming external and internal shapes of copper, iron, nickel.
9. Holding and forming fiberglass laminates.

Also—

Intricate compound foundry cores • compound wax patterns • etc.

DIES AND PUNCHES

10. Drop hammer, for short run sheet metal forming.
11. Soft metal dies for "lost wax" patterns.
12. Repairing broken dies.

Also—

Light sheet metal embossing dies • form blocks for bending, forming, joggling extruded shapes, sheet metal and tubing • pilots for die casting and plastics trim dies • stretch press form blocks • stripper plates in stamping dies.

MODELS AND PATTERNS

13. Duplicate patterns for foundry match plates, ceramics, plastics.
14. Lining and sealing core boxes.
15. Tracer models for pantograph engraving and duplicating.

Also—

Dental models • model airplane, railroad, ship, etc. parts for hobbyists • patterns compensated for shrinkages • patterns and core boxes spray metallized, altered and repaired.

MOLDS FOR

16. Casting plastics (low temperature) elastomers, epoxies, phenolics, etc.
17. Forming sheet or tubular (polyethylene) plastics by vacuum or air pressure.
18. Encapsulating (potting) electrical and electronic components.

Also—

Duplicating plaster or plastic patterns • plastic teeth (dentistry) • Prosthetic development work.

MISCELLANEOUS

19. Filler for molding and tube bending.
20. Fusible element in automatic sprinklers, fire alarms, etc.
21. Masks for electroplating and spray painting.
22. Sealing adjustment screws on gauges, instruments, machines, etc.
23. Sealing joints of glass-glass, glass-metal, hermetic seals in vacuum systems.

Also—

Filling blow holes in castings • fixtures for assembly, checking, die spotting, drilling, inspection • heat and pressure medium in autoclave • heat treating and tempering baths • seals in bright annealing and nitriding furnaces • radiopack contrast medium in X-ray • nests for drill jigs and dial feeding stations • proof casting for accurate internal measurements of forging dies, gun chambers, molds, etc. • repairing Masonite, plaster, plastic and wood tooling • many other applications.



For further information on any application listed here, inquire by number or description.



CERRO DE PASCO SALES CORPORATION

Room 1512—300 Park Avenue, New York 22, N. Y.

HIGH STABILITY, LOW COST, LIGHT WEIGHT, EASY-TO-WORK ALUMINUM TOOLING PLATE

**RED
SEAL
"775"**

**PIONEER
921-T
Direct Chilled**

Two Dependable Names in Modern Tooling Materials

Tool engineers today are turning to light, easy-to-work aluminum tooling plate, ideal for the fabrication of jigs, fixtures and other production tools demanding extreme dimensional stability and faithful adherence to close tolerances. Pioneer 921-T-DC and Red Seal "775" meet these requirements with outstanding mechanical properties. They offer unexcelled uniformity, flatness and high surface finish, and reduce the time required for machining, tapping, drilling, welding, other fabricating operations.

Pioneer 921-T-DC and Red Seal "775" both come with a machined surface finish of 32 micro or better, on both sides. In the great majority of cases, it is not necessary to do any further machining of the material before fabrication. Standard flatness tolerance in plate $\frac{3}{4}$ " thickness or over, is held to within $\pm .005$ " measured with a feeler gauge under an 8-ft. straight edge, with the plate resting on a flat surface with 100% area contact. Mail the coupon for detailed specifications and illustrated applications.

STOCKS OF PIONEER 921-T-DC and RED SEAL "775" ARE CARRIED BY THESE DISTRIBUTORS

MAIL COUPON



for
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ONE OR
BOTH OF
THESE
TECHNICAL
BROCHURES

PIONEER — RED SEAL
5251 W. Imperial Highway, Los Angeles 45, Calif.

Please send me, without obligation, a copy of the technical brochure checked below, and place me on your list to receive future copies of TOOL TALK, illustrated case history bulletins.

☐ PIONEER
921-T-DC

☐ RED SEAL
"775"

NAME _____

DEPT. _____

FIRM _____

ADDRESS _____

CITY _____

STATE _____

PIONEER 921-T-DC WAREHOUSE STOCKS

ATLANTA, GA.: Reynolds Aluminum Supply Co.
BOSTON, MASS.: Joseph T. Ryerson & Son, Inc.
CHICAGO, ILL.: Joseph T. Ryerson & Son, Inc.
Kasle Steel and Aluminum
CLEVELAND, O.: Kasle Steel and Aluminum
DALLAS, TEX.: Joseph T. Ryerson & Son, Inc.
DENVER, COLO.: A B C Metals
DETROIT, MICH.: Kasle Steel and Aluminum
FT. LAUDERDALE, FLA.: Caulley Steel & Supply Co.
GRAND RAPIDS, MICH.: Kasle Steel and Aluminum
HAZEL PARK, MICH.: Meier Brass and Aluminum Co.
HILLSIDE, N.J.: Edgcomb Steel and Aluminum Corp.

HOUSTON, TEX.: Joseph T. Ryerson & Son, Inc.
JERSEY CITY, N.J.: Joseph T. Ryerson & Son, Inc.
KANSAS CITY, MO.: Industrial Metals, Inc.
MIAMI, FLA.: Caulley Steel & Supply Co.
MILWAUKEE, WIS.: Joseph T. Ryerson & Son, Inc.
ORLANDO, FLA.: Caulley Steel & Supply Co.
ST. LOUIS, MO.: Industrial Metals, Inc.
SOUTH BEND, IND.: Kasle Steel and Aluminum
TULSA, OKLA.: Industrial Metals, Inc.
UNION, N. J.: Mapes & Sprowl Steel Co.
WALLINGFORD, CONN.: Joseph T. Ryerson & Son, Inc.
WICHITA, KANS.: Industrial Metals, Inc.

RED SEAL "775" WAREHOUSE STOCKS

ATLANTA, GA.: Atlantic Steel Co. (Warehouse Div.)
CHICAGO, ILL.: U. S. Steel Supply Division
CLEVELAND, O.: U. S. Steel Supply Division
DALLAS, TEX.: Earle M. Jorgensen Co.
DENVER, COLO.: M. L. Foss, Inc.
DETROIT, MICH.: Copper & Brass Sales, Inc.
HARTFORD, CONN.: Peter A. Frasse Company, Inc.
LINDHURST, N.J.: Peter A. Frasse Company, Inc.

LOS ANGELES, CALIF.: U. S. Steel Supply Division
PHILADELPHIA, PA.: Peter A. Frasse Company, Inc.
ST. LOUIS, MO.: U. S. Steel Supply Division
ST. PAUL, MINN.: U. S. Steel Supply Division
SAN FRANCISCO, CALIF.: Earle M. Jorgensen Co.
SPRINGFIELD, MASS.: Atlantic Aluminum & Metal Distributors
TULSA, OKLA.: Earle M. Jorgensen Co.

PIONEER ALUMINUM INC.

Subsidiary of MORRIS P. KIRK & SON, INC., Affiliate of NATIONAL LEAD COMPANY
5251 WEST IMPERIAL HIGHWAY • LOS ANGELES 45, CALIFORNIA

The Genuine **MAUSER Vernier Caliper**

is now made with a full

"LUSTRO-CHROME"

FINISH ...

**without an increase
in price...**

Still

\$14.75

See our
Complete Line
of MAUSER
Toolmakers Calipers,
Height Gages, Bevel Protractors and Tool Stands



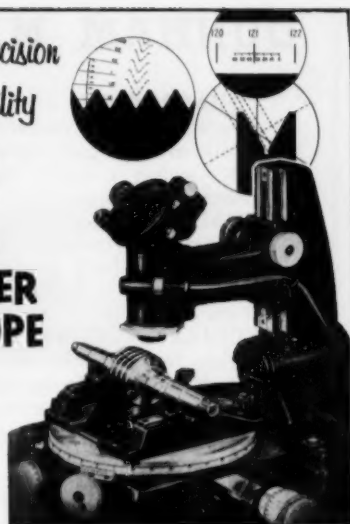
For Highest Precision
and Dependability

**CARL ZEISS
JENA**

**LARGE
TOOLMAKER
MICROSCOPE**

6" x 2" RANGE
11" Diameter Built-in
Rotary Table
Indexing Full 360°

Get the full story of
the versatility of this
outstanding shop aid.



"Measure with Confidence..."

RELY ON

TUMICO
MICROMETERS



Available in all
Standard Sizes

Specials and Larger Sizes
designed and built to
Your Own Specifications

Guaranteed
accurate within
one half of a
ten thousandth
of an inch

Get the full story of these outstanding fine tools . . .

Be Sure... Be Safe...
Inspect by Projection!



**SCHERR
MICRO
PROJECTOR**

**Self-Contained
Model
with the**

VERTICAL DESIGN

Get the full story
of this outstanding
tool . . .



For the Nation's most complete line of
Precision Measuring Tools and Instru-
ments, request our 96 page Catalog.
Contact any of our 1586 dealers or
write to any of our 3 "Coast to Coast"
locations:

Eastern Office:
GEORGE SCHERR CO., INC.
200 Lafayette Street
New York 12, N. Y.
CAAnal 6-3512

Midwest Office and Factory:
TUBULAR MICROMETER CO.
St. James, Minnesota
Telephone:
St. James No. 5

West Coast Office:
SCHERR-TUMICO CO.
3337-39 West Olympic Blvd.
Los Angeles 19, Cal.
REpublic 1-8777

DUNHAM MACHINE TOOL ACCESSORIES

TOOLS FOR THE TOOL ENGINEER

"QUADRABAR"

The world's most versatile boring bar holder fits every engine lathe in your shop 9" - 18" swing - holds $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{3}{4}$ " $1\frac{1}{4}$ " Diameter bars.

"VACUUM PLATES"

Does all that magnetic chucks can do and more. Will hold wood, glass, plastic for milling, grinding and drilling. Costs less than a magnetic chuck.

"COLLET VACUUM CHUCKS"

Holds ferrous and non ferrous materials for machining & grinding. Replaceable face plates allow tooling for repeat jobs.

"COLLET VACUUM ARBORS"

Chucks fragile parts from bore without distortion. $\frac{3}{4}$ ", $1\frac{1}{2}$ ", and 2", and $2\frac{1}{2}$ " Machinable Diameters.

"COOLANT CLAMP"

Valve, clamp, and flexible metal hose combined to provide the most convenient method of getting coolant to your lathe, milling, drilling and grinding tools.

"COLLET CONCENTRICITY GAGE"

Inspects parts for T. I. R. with your present 5-C collet equipment & Dunham expanding collets.

WRITE FOR LITERATURE AND NAME OF LOCAL DISTRIBUTOR

THE NEW E-X-P-A-N-D-I-N-G COLLET

THIS IS THE TOOL that is revolutionizing the whole machine tool industry—The Dunham makes inside chucking easy, accurate and economical

YOU SAW IT introduced at the ASTE Show . . . and now it's America's fastest selling expanding collet! Needs no special attachments, no adaptors . . . simple one-piece body design meets today's demands for faster production, greater accuracy and infinite re-usability. Permits truing cuts, shoulder cuts . . . fits your present 5-C equipment. Conventional draw bar movement does the expanding and releasing with the spindle in motion. EVERY LATHE should have one—a single Dunham soft mandrel collet offers over one thousand diameter possibilities, from $\frac{3}{16}$ " to $1\frac{1}{4}$ "! Extra mandrels are only \$7.95. To save time and money, let us machine mandrel diameter to your print for an additional \$5.00. Order the 5-C collet illustrated here for only \$15.95 complete . . . diameters up to $3\frac{1}{2}$ " available . . . same day shipment! 3-C, 4-C and J collets also available from:

ONLY

15⁹⁵

THE **DUNHAM**
TOOL COMPANY, INC.
DANBURY R4, CONNECTICUT

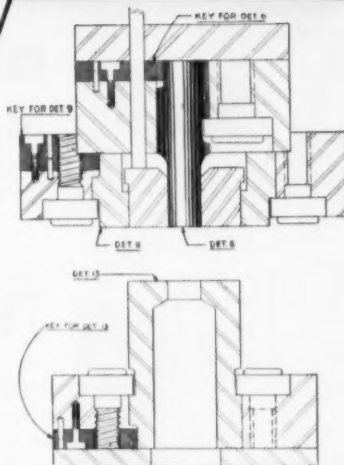
NEW HOVIS KEY-ALIGNED DIE

THE LATEST ADDITION TO OUR STANDARD UNITS

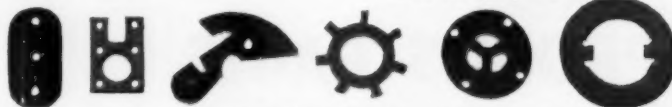
**a must
for irregular
stampings**

**ELIMINATES ALL SET-UP
ERRORS AND INSURES
UNINTERRUPTED ACCURACY**

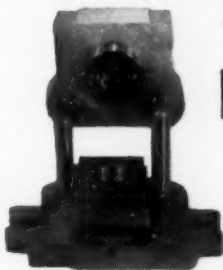
When producing irregular shaped stampings, it is important that the cutting members of the die are located in the proper radial alignment. Hovis has introduced the key-aligned die to meet this requirement . . . With the key-aligned die any press operator can install the inserts without the possibility of misalignment. This is accomplished with a flat on the insert which locates against a key in the retainer.



A section line drawing showing the principle of the Hovis key-align method.



An example of some irregular pieces these dies produce by merely purchasing special sets of parts on which we are glad to quote



Made in 6 sizes:
3/4"-1 1/2"-2 1/2"-4"-6"-8"

HOVIS UNIVERSAL COMPOUND DIES

for producing WASHERS and SMALL STAMPINGS . . . No need to make a NEW DIE for every STAMPED PART

By simply removing and replacing five, small, interchangeable inserts a new part may be produced . . . This method makes possible all production including irregularly shaped pieces and shallow draws.

HOVIS SCREWLOCK COMPANY

8102 E. NINE MILE ROAD • BOX 97 • WARREN, MICHIGAN
Phono: Slocum 7-4800 Suburb of Detroit

REPRESENTATIVE: Jackson & Walter Co., 2027 Arch St., Philadelphia 3, Pa.
PHONES: Rittenhouse 6-7470, Swarthmore 6-2811



Presenting

**OUR
HEMCO
RELI-A-CHEK
DIAL INDICATORS
HEMCO PROCESS GAGES**

**AND OTHER NEW
MORSE PRODUCTS AT**

The Detroit ASTE Show

APRIL 21-28, 1960

"In the meantime send for catalogs"

"O" RING GROOVE GAGES

SNAP RING GROOVE GAGES

DEPTH GAGES

BORE GAGES

SNAP GAGES

TOOLING BALLS

HEMCO PROCESS GAGES

200% to 400% more life wear than steel gages

Approximately same cost as plain steel gages

Gaging costs cut 60% or more

No lapping or grinding after HEMCO Process is applied

HEMCO Chrome-hardness is 69 to 72 Rockwell C

Unconditionally guaranteed not to chip or peel

Try Them . . .

*Let Them Write Their Own
Performance Ticket For You*

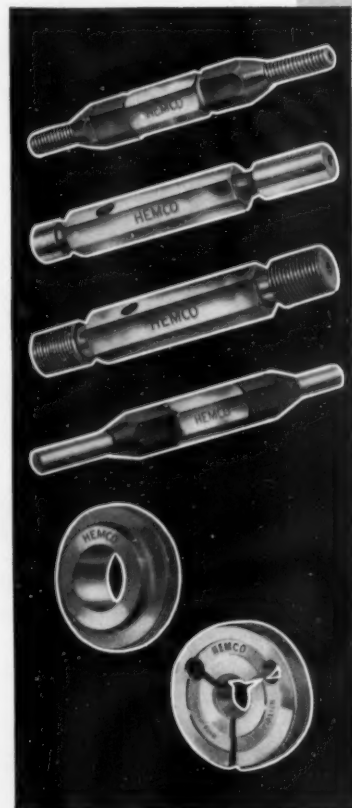
If you have unusual gaging problems, ask us to help
on design and quotations.

DISTRIBUTORS: Some fine territories are open. Why
not write for information?

THE H. E. MORSE CO.


457 DOUGLAS ROAD

HOLLAND, MICH.





SALES OFFICES





One of the primary features of this directory, and one which makes it of greatest use to tool engineers, is the geographical listing of local sources for tool engineering products. This list includes manufacturers' branch offices, distributors, agents, supply houses and representatives.

The section is arranged according to state, from Alabama to Wyoming, followed by the Canadian listings. No sales offices have been included for Alaska, Hawaii or foreign countries. Within each state, the sales offices are listed by city. Within each city, companies are arranged alphabetically.

The sequential numbers which precede each listing, together with the state, provide the key by which these sales offices are identified in the manufacturers section.

The user of this directory will soon become familiar with the range of key numbers which identify the sales offices in his locality. He will then be able to tell at a glance in the preceding section whether or not a given manufacturer is represented in his city.



SALES OFFICES

ALABAMA

ANDALUSIA

1. Taylor Parts & Supply Co.

ANNISTON

2. Industrial Supply & Equipment Co., Inc.
P. O. Box 832
AD 7-3585
3. Rowell Supply Co., Alex
521 W. 23rd St.
P. O. Box 946
AD 7-7588
4. Southern Tool & Machine
P. O. Box 1059
AD 6-7123

BESSEMER

5. Industrial Piping Supply Corp.
P. O. Box 509

BIRMINGHAM

6. Abrasive & Tooling Specialists, Inc.
4245 Morris Ave. (12)
LY 2-4381
7. Aeromarine Supply Co.
3707 Woodlawn Rd.
8. Airborne Instruments Laboratory
323 Oxmoor Rd. (9)
TR 1-1166
9. Air & Hydraulics Engineering, Inc.
3017 Sixth Ave. South (6)
AL 2-6101
10. Air Reduction Sales Co.
124 S. 16th St.
FA 2-4444
11. Alemite Co.
516 N. Ninth St.
12. Allegheny Ludlum Steel Corp.
3515 Third Ave., South (5)
FA 2-0548
13. Allis Co., The Louis
2201 Highland Ave., South (5)
FA 4-5601
14. Allis-Chalmers Manufacturing Co.
1824 29th Ave., South (9)
TR 9-8821
15. All-State Welding Alloys Co., Inc.
3 Pamona Dr. (9)
TR 9-4290
16. Aluminum Co. of America
No. 10 Office Park, Mountain Brook (2)
P. O. Box 2041
TR 9-8841
17. American Optical Co.
2115 First Ave., North
FA 2-2548
18. American Pulmax Co., Inc.
468 Ridge Rd.
VE 3-1478
19. American Pulmax Co., Inc.
5110 Eighth Ct., South
LY 2-7950
20. American Smelting & Refining Co.
416 Dalton Dr.
FA 2-1802
21. Amstar Supply Div.
503 S. 22nd St.
AL 2-0211
22. Andress-Mouat & Associates, Inc.
112 S. 50th St. (8)
23. Armstrong Equipment Co.
4601 First Ave., North (1)
P. O. Box 749
24. Aro Equipment Corp.
765 Euclid Cir. (9)
TR 9-8105
25. Associated Equipment Sales Co.
2201 Highland Ave.
FA 4-5601
26. Barron Cranford
P. O. Box 5521
Phone: 2-6588
27. Bellows Co., The
1727 Sixth Ave., North
FA 4-5273
28. Benedict & Boggs Co.
751 S. 21st St.
FA 3-6151
29. Bennett, Mr. William E.
1422 47th St., West (8)
BI 58-1659
30. Birmingham Rock Bit Co., Inc.
5 18th St., Southwest
ST 6-6330
31. Birmingham Saw Works
3614 Second Ave., North
32. Bridgewater, William
1925 29th Ave., South (9)
TR 9-6001
33. Bristol Co., The
1021 Comer Bldg. (3)
AL 1-0034
34. Brightboy Industrial Div
5960 Crestwood Cir. (12)
35. Brownlee-Morrow Engineering Co.
745 N. 44th St.
LY 2-8143
36. Brungart-Jennings, Inc.
521 Fourth Ave., North
FA 4-8527
37. Camp-Poteet Equipment Co.
4737 First Ave., North (6)
LY 2-8896
38. Chicago Pneumatic Tool Co.
810 Fifth Ave., North (4)
FA 2-4514
39. Clark Controller Co., The
1747 Reese St., (9)
TR 9-3457
40. Cleco Div., Reed Roller Bit Co.
112 S. 14th St.
FA 2-1802
41. Cleveland Trammell Birmingham Co.
113 N. Ninth St. (4)
AL 2-5404
42. Consolidated American Machinery of Florida, Inc.
1825-A 28th Ave. (9)
TR 9-2471
43. Consolidated Engineering Co.
P. O. Box 6011
TR 1-8086
44. Consolidated Engineering Co. of Alabama
385 Oxmoor Rd. (9)
45. Construction Equipment Co.
2921 Second Ave., South (1)
FA 4-3417
46. Cowin Equipment Co.
930 Second Ave., North
AL 1-4271
47. Crais Co., C. I.
1918 28th St. (9)
TR 9-4673
48. Deshazo & Associates, Inc.
Lomb and Lafayette Aves. (8)
P. O. Box 3897
TR 1-4664
49. Dilworth of Alabama, Inc.
105 N. 12th St. (4)
FA 4-5504
50. Dixie Bronze Co., Inc.
2231 27th Ave., North
FA 4-4588
51. Dixie Type & Supply Co.
930 N. Sixth Ave., (1)
Phone: 54-0619
52. Dixon Supply Co.
3104 Fourth Ave., South (3)
FA 4-4687
53. DoALL Gulf Co.
800 N. 24th St. (4)
AL 1-0503
54. Doyle, Massey R.
P. O. Box 2952 (12)
WO 1-5328
55. Ebbert & Kirkman Co., Inc.
2313 Sixth Ave., South (3)
AL 1-9174
56. Edwards Co., Inc., George S.
1920 28th Ave., South (9)
TR 1-0251
57. Electric Motor Service, Inc.
606 S. 32nd St.
AL 4-3106

58. Esheiman & Co., Joseph W.
1812 28th Ave., South (9)
P. O. Drawer 5966
TR 9-3462
59. Evans Engineering Co., F. J.
P. O. Box 1509 (1)
JA 6-2826
60. Equipment Service Co., Inc.
617 N. Ninth St. (4)
FA 4-4439
61. Exact Weight Scale Co., The
3813 First Ave., North (13)
LY 2-6253
62. Fairbanks, Morse & Co.
626 N. Ninth St. (4)
FA 4-9597
63. Firth Sterling Inc.
1824 Huntsville Rd. (4)
FA 4-0627
64. Ford Tool & Carbide Co.
3716 Tenth Ave., North (4)
WO 1-6193
65. Fuller Mill Supply Co.
1601 Eighth Ave., North (3)
66. Gardner-Denver Co.
716 N. Ninth St. (4)
FA 2-8711
67. Garlock Packing Co., The
519 S. 19th St. (1)
FA 4-7666
68. Guggel Engineering Co., Inc.
P. O. Box 9065 (9)
TR 1-8443
69. General Electric Co.
1804 Seventh Ave., North (3)
FA 2-7683
70. General Steel Tank Co., Inc.
4000 Eighth Ave., North
P. O. Box 522
71. Hagan, Willis C.
2250 Highland Ave.,
BI 3-1201
72. Halliday Co., Inc., The Alfred
113 N. Ninth St. (4)
FA 2-2890
73. Hallman, Ed
1833 Indiana Hill Rd. (9)
74. Hanchett Manufacturing Co.
3100 Fifth Ave., South
75. Harnischfeger Corp.
1629 Vanderbilt Rd. (1)
AL 2-8147
76. Harrelson Co., R. F.
P. O. Box 1006 (1)
TR 1-8204
77. Hayden Engineering Sales Co.
210 Hollywood Blvd. (9)
TR 1-0637
78. Hill & Griffith Co., The
2929-37 Seventh Ave., North (1)
79. Hinkle Supply Co., Inc.
2923 Fifth Ave., South (1)
FA 2-4541
80. Hoe & Co., Inc., R.
2917 Lomb Ave. (11)
ST 6-3261
81. Hooper Co., A. W.
4243-45 S. Fifth Ave. (6)
LY 2-5451
82. Houghton & Co., E. F.
300 Rosewood St. (10)
WO 1-7822
83. Huck Manufacturing Co.
5309 Tenth Ct., South (6)
AL 2-5151
84. Industrial Products Co.
2805½ Cohaba Rd. (3)
TR 1-1611
85. Ingersoll-Rand Co.
1700 Third Ave., South (3)
FA 3-2579
- 85A J & W Metals, Inc.
3401 36th St., North
P. O. Box 1890
86. Jefferson Brick & Supply Co.
2220 First St.
87. Jessop Steel Co.
407-408 Brown-Marx Bldg. (3)
FA 2-4656
88. Kinard, T. Ed
1013 S. 21st Pl. (3)
AL 2-7912

ALABAMA

89. Lamsan & Sessions Co., The
3103 27th Ave., North (1)
FA 2-4891
90. Lincoln Electric Co., The
113 N. Ninth St. (4)
AL 2-8131
91. Linde Company
2900 Cahaba Rd. (9)
TR 3-4881
92. Long-Lewis Hardware Co.
Fifth Ave. N. at Ninth St. (2)
93. Mabry, George O.
3606 Sixth Ave., South (1)
LY 2-7213
94. Macco Products Co., The
Rooms 621-22, Empire Bldg. (1)
AL 4-3491
95. Mac-It Parts Co.
2814 Petticoat La. (13)
TR 1-5418
96. Matthews & Co., James H.
245 Bush St. (10)
LY 2-5912
97. McConnell Sales & Engineering Co.
1661 28th Ave., South (9)
TR 1-3501
98. McGwier & Sons, J. A.
2807 Seventh Ave., South
99. McLay, D. B.
2940 S. 19th St. (9)
100. McMahon, W. O.
P. O. Box 5943 (9)
Homewood Station
101. McVoy-Hausman Co.
2025 Seventh Ave., North (3)
AL 1-9271
102. Meriwether Inc., George M.
1712 Seventh Ave., North (4)
FA 4-2454
103. Metallizing Co. of America, Inc.
1925 S. 29th Ave., (9)
TR 1-4641
104. MG Electrical Equipment Co.
203 S. 18th St.
FA 2-0449
105. Middleton Co., Inc., Fred
1109 N. 24th St. (1)
P. O. Box 783
AL 1-6281
106. Mill & Mine Supply Co.
124 S. 20th St. (3)
FA 2-4508
107. Mill & Textile Supply Co.
3130 Third Ave., South (1)
AL 1-8187
108. Miller, Gordon
P. O. Box 7681 (13)
AL 2-3052
109. Millers Recapper Supply, Bill
1410 North
110. Mills, III, William H.
1212 Regal Ave.
111. Moffatt Bearing Co.
700 Third Ave., North (4)
FA 3-2581
112. Moore-Handley Hardware Co.
27 S. 20th St. (2)
AL 2-4121
113. Morrow Engineering Co., S. L.
113 N. Ninth St. (4)
AL 2-5104
114. Mouat Co., Harry G.
544 American Life Bldg. (3)
FA 2-3394
115. Nelson Stud Welding
304 N. 26th St. (3)
FA 2-3481
116. Noland Co., Inc.
2204 First Ave., South (1)
AL 2-2176
- 116A. Orco Welding Supply Co.
2804 Tenth Ave., East
117. Owen-Richards Co.
824 N. 31st St. (4)
FA 2-3611
118. Pangborn Corp.
1731-C Valley Ave. (9)
TR 9-4921
119. Pannier Corp., The
1801 Sixth Ave., North
FA 4-1675
120. Pate Supply Co.
2215 First Ave., South (3)
FA 4-8531
121. Pond Lift Trucks Co.
1723 Lomb Ave. (8)
122. Post Welding Supply Co.
1306 Seventh Ave., North (4)
Phone: 4-8604
123. Power Transmission Equipment Co.
2609 N. Second Ave. (3)
FA 2-2635
124. Pratt & Whitney Co., Inc.
2637 Cahaba Rd. (13)
TR 1-0482
125. Precision-Dixie
130 Finley Ave., West (4)
FA 4-2192
126. Puls, Hugo A.
1700 Huntsville Rd. (1)
P. O. Box 2021
AL 1-8385
127. Pump Shop, Inc.
128. Quinn, McKerral & Quinn
2637 Cahaba Rd. (13)
TR 1-0221
129. Reeves Pulley Co.
2830 S. 19th St. (9)
TR 1-1149
130. Re-Print Co., The
2025 First Ave., North (3)
AL 1-9171
131. Republic Steel Corp.
P. O. Box 7587 (13)
TR 9-0471
132. Reynolds Metals Co.
1435 Brown-Marx Bldg.
AL 1-8283
133. Rushton Equipment Corp.
Lomb Blvd. and Alabama
134. Sargent & Co., E. H.
3125 Seventh Ave., North (4)
135. Scott Supply Co.
1716 Lomb Ave. (8)
ST 5-1179
136. Seibert, Philip
1727 Sixth Ave., North
AL 2-5153
137. Shop Supply Co.
2920 1/2 S. 18th St. (9)
TR 9-0541
138. Sinclair-Collins Valve Co.
300 Woodland Ave. (9)
TR 9-4405
139. Sivert, Jim F.
5960 Crestwood Cir. (12)
LY 2-6968
140. Skill Corp.
806 N. Fifth Ave. (4)
FA 2-6202
141. Sleeman, W. C.
2154 15th Ave., South (5)
AL 1-1016
142. Snap-on Tools Corp.
810-A Fifth Ave., North (4)
FA 2-8781
143. Southeastern Industrial Distributor
621-622 Empire Bldg.
AL 4-3491
144. Southeastern Tool & Die Co.
P. O. Box 263 (1)
145. Sperry Products, Inc.
1907 Cahaba Rd. (9)
TR 9-0001
146. Steel City Sales Co.
P. O. Box 8375, Ensley (8)
147. Sterling Electric Motors, Inc.
700 Eighth Ter. West (4)
FA 2-6511
148. Stoelker Equipment Co.
913 N. Seventh Ave.
FA 2-5451
149. Syntron Birmingham Sales Co.
2117 Lester La. (9)
TR 9-4914
150. Tanner, G. K.
1977 Southwood Rd. (9)
TR 9-3038
151. Thomas, J. L.
429 S. 24th St. (5)
FA 4-7032
152. Thor Power Tool Co.
713 Graymont Ave., North (4)
FA 2-8797
153. Tool Engineering Service
921 N. 21st St. (4)
FA 4-4694
154. Truck Parts & Equipment Co.
2801 Eighth Ave.
155. Tull Metal & Supply Co., J. M.
1301 25th Ave., North
FA 3-1612
156. Valvair Corp.
300 Woodland Ave. (9)
TR 9-4405
157. Vulcan Saw & Knife Co.
3741 N. Tenth Ave.
158. Wall Colmonoy Corp.
615 N. Ninth St. (4)
AL 2-1041
159. Warnock Co., Robert
912 S. 21st St.
FA 3-4441
160. Wheelabrator Corp.
29 1/2 N. 77th St. (6)
LY 2-5162
161. Wheelock Co., Geo. F.
3017-25 S. Second Ave. (5)
AL 1-5288
162. Wheelock & Associates, Chas. F.
205 S. 32nd St. (5)
FA 2-6283
163. Willcox & Allen Co.
900 S. 27th St. (3)
P. O. Box 1124
AL 1-0271
164. Williams Co., The Herman
3601 Tenth Ave., North (4)
P. O. Box 1204
FA 2-0377
165. Wimberly & Thomas Hardware
1809 First Ave., South (2)
FA 3-4661
166. Withrow, Donald W.
3365 Valley Park Rd. (13)
TR 9-4116
167. Wurzburg Brothers, Inc.
604 N. Ninth St.
Phone: 4-2856
168. Young, Robert T.
1849 Glendmere Dr. (9)
169. Young & Vann Supply Co., The
1725-1731 First Ave., North (2)
P. O. Box 2532
AL 2-5161

BREWTON

170. Miller Mill Co., Inc. T. R.

DECATUR

171. H & H Supply Co.
101 W. Moulton St.
Phone: 3700
172. Noland Co., Inc.
305 Dee St.

DOTHAN

173. Davis-Dyar Supply Co.
420 E. Main St.
Phone: 2-5850
174. Dothan Hardware & Supply Co.
111 S. St. Andrews St.
Phone: 5-3200
175. Hub City Supply Co., Inc., The
420 E. Main St.
176. Southern Liquid Gas Co.
177. Taylor Parts & Supply Co.
505 N. Oast St.

FLORENCE

178. Cunningham Plantation
402 S. Cedar St.

GADSDEN

179. Ashley Equipment Co.
P. O. Box 388
180. Noland Co.
Eighth and Gardner Sts.

SALES OFFICES

ALABAMA

GADSDEN (cont.)

181. Post Welding Supply Co.
409 S. First St.
182. Williamson Co., Ray
P. O. Box #28
LI 6-9846

HOMEWOOD

183. Brooks Supply Co., Inc.
P. O. Box 5725

HUNTSVILLE

184. Gans, Kenneth J.
1106 McClung St.
JE 6-0613
185. Hopper Hardware & Mill Supply, Inc.
300 Madison St.
JE 2-8444

JASPER

186. Post Welding Supply Co.
23rd and Del. St.

LANETT

187. N. Y. & N. J. Lubricant Co.
1605 N. Tenth Ave.
LA 2-8233

MOBILE

188. Abbott, Gardner B.
P. O. Box 2207
Spring Hill Station
GR 7-3618
189. Bearings & Trans. Supply
901 Congress St.
HE 8-3591
190. Construction Equipment Co.
782 Holcombe Ave.
GR 1-1514
191. Ebbert & Kirkman Co., Inc.
P. O. Box 6243—Loop Station
192. Elm Equipment Co.
401 Beaugard St.
193. General Electric Co.
704 Government St. (1)
HE 2-1672
194. Gulf Engine & Equipment Co.
365 N. Royal St.
P. O. Box 1065
HE 2-7513
195. Gulf Coast Marine Supply Co.
199 S. Royal St.
P. O. Box 975
Phone: 2-4466
196. Kennedy Marine Engine Co.
25 S. Water St.
P. O. Box 117
197. Lincoln Electric Co., The
2575 Fairway Dr.
HE 8-2023
198. Mader Bearing Supply
56-158 N. Cedar St. (10)
199. May Supply Co.
Box 1452 (Royal and Congress Sts.)
200. McGowin-Lyons Hardware & Supply
Co.
113-126 N. Water St. (7)
201. Meriwether, Inc., George M.
351 St. Louis St.
HE 8-2466
202. Mobile Welding Supply Co., Inc.
Washington at Canal
203. Moore-Handley Hardware Co., Inc.
401 N. Water St. (16)
HE 3-7411
204. Owen Richards Co., Inc.
401 Beaugard St.
HE 8-3591
205. Quackenbush Ind. Equipment, Henry
200 Ridgewood Pl.
206. Standard Equipment Co.
207. Thomas Co., Frank A.
P. O. Box 1615
HE 3-4170
208. Turner Supply Co.
250 N. Royal St. (8)
P. O. Box 1429
HE 8-5581

209. Van Horn Co., Inc., Oliver H.
111 Beaugard St.
HE 2-8764

MONTGOMERY

210. Alabama Machinery & Supply Co.
110-118 Coosa St.
211. Nunn's Battery & Electric Co.
Corner Bell and Cantoma Sts. (4)
212. Standard Electric Machinery Corp.
515 N. Decatur St.
213. Teague Hardware Co.
200 Commerce St.

MOUNTAIN BROOK

214. Deleo Products Div.
2503 Mountain Brook Cir. (9)
TR 9-0756

OPELIKA

215. Davis & Dyar Equipment Co.
216. Opelika Equipment Co.

SELMA

217. Rawls Machine & Supply Co.
Sylvan and Water St.
TR 2-2342

SHEFFIELD

218. Post Welding Supply Co.
2001 Jackson Hy.

SYLACAUGA

219. Wapakoneta Machine Co., The
P. O. Box 968
CH 9-8977

TRUSSVILLE

220. Reich, Harry H.
Phone: 2631
221. Wentsel Tool Co.
Railroad Ave.
Phone: 3951

TUSCALOOSA

222. Dilworth of Alabama, Inc.
223. Reichhold Chemicals, Inc.
PL 2-2551
224. Strickland Bros. Machine Co., The
2804 12th St.

ARIZONA

CORNVILLE

1. Rodgers, F. O.
ME 4-2448

FLAGSTAFF

2. Semon Industrial & Welding
Supply Co.
27 Mikes Pike
PR 4-3281

PHOENIX

3. Acme Blue Print Co., Inc.
517-519 N. First St.
AL 4-8975
4. Adroit Supply Co.
620 W. Adams St.
AL 8-4241
5. Air-Draulics Co.
3135 N. 29th Ave.
P. O. Box 11278
AL 8-6441
6. Alemite Co.
236 N. Third Ave.
7. Allis-Chalmers Manufacturing Co.
2300 N. Central Ave.
CR 4-5426
8. Arizona Abrasives & Supply
Distributor
9. Arizona Hardware Co.
First and Jackson Sts.
10. Arizona Products & Machine Co.
9207 N. Ninth St.
WI 3-9492
11. Arizona Tool & Supply Co.
415 S. Seventh St.
12. Arizona Tool & Supply Co.
3125 N. 29th Ave.

13. Arizona Welding Equipment Co.
415 S. Seventh St.
P. O. Box 689
AL 8-2653

14. Aweco Supply Co.

415 S. Seventh St.

15. Bellows Co., The
3121 E. McDowell Rd.
BR 5-0211

16. Bergen Charles
3626 W. Indian School Rd.
P. O. Box 11157

17. Bergen, Charles M.
938 W. Latham
AP 8-5574

18. Black, James L.
716 E. Desert, Park La. (54)

19. Boland Co., Earl
816 E. Van Buren St.
AL 8-0406

20. Braun Chemical Co.
2930 W. Osborn Rd.

21. Campbell, Dan
1745 W. Van Buren
AI 8-9490

22. Carrier Corp.
3500 N. Central Ave.
CR 7-4407

23. Cawley, R. L.
2420 E. Indianola
Phone: 6-6752

24. Circle Sales Co.
9151 N. Ninth Ave.
WI 5-5312

25. Clico Laboratory & X-Ray Supplies
1201 W. Hilton Ave.

26. Complete Industrial Supply Co.
511 W. Van Buren
AL 3-2534

27. Cone & Wallace Co.
1325 S. 36th St.
BR 5-4496

28. Consolidated Welding Supply Co.
747 Grand Ave.

29. Coulson, Roy E.
8050 N. Third Ave.
P. O. Box 9215
WI 3-8935

30. Davidson, J. D.
6750 N. 13th St.

31. Davis, Floyd O.
2326 E. Henshaw
BR 5-2340

32. Decoratrim Co.
2322 W. McDowell Rd.
AL 3-3191

33. DiEugenio Tool Center, Inc.
119 S. 11th Ave.
AL 2-4746

34. Ducommun Metals & Supply Co.
301 S. 26th St.
P. O. Box 2225
BR 5-4471

35. Dye Oxygen Co., Inc.
2332 W. McDowell Rd.

36. Equipment Sales Co.
720 S. 19th Ave.
AL 8-7151

37. Eutectic Welding Alloys Co. of
Arizona, Inc.
1402-1414 S. Seventh St.
AL 3-0900

38. Fender, Herb
1620 E. Earle Dr.
CR 4-1331

39. Garrett Supply Co.
2950 W. Thomas rd
P. O. Box 11038
AP 8-5511

40. General Electric Co.
220 Luhrs Tower
AL 8-7724

41. Germain Machinery Co.
1014 W. Myrtle Ave.

42. Gillette Industries, Inc.
8001 N. 5th St.
WI 3-1370

43. Gramer & Co.
111 W. Osborn Rd., Suite 217
CR 9-1231

SALES OFFICES

ARIZONA

44. Harnischfeger Corp.
3300 N. Central Ave.
CR 7-2639
45. Harron, Rickard & McCune Co.
4111 E. Pasadena Ave.
WH 5-5862
46. Harwood Industries
3301 E. Washington St.
BR 5-9652
47. Hecht Associates, M. D.
5019 E. Cherry Lynn
48. Hennessy Equipment Sales Co.
4808 N. 7th Ave.
CR 7-7268
49. Heyne Machine Co., Roy J.
729 W. Buchanan
AL 8-1264
50. Hoffman & Heartt
1325 S. 26th St.
BR 5-6661
51. Howard, Bill
922 Fairmont Ave.
52. Industrial Tool & Supply Co.
2241 W. Indian School Rd.
53. Kerns Pacific Corp.
6011 N. 51st Pl.
54. Kinney Materials Handling, Inc.
929 Grand Ave.
AL 8-2778
55. Lee Co., Alfred A.
1733 Marshall Ave.
56. Lee Engineering Co.
3121 E. McDowell Ave.
BR 5-0211
57. Lincoln Electric Co., The
420 S. Third Ave.
AL 4-5894
58. Luna Corp.
447 W. Jefferson St.
Phone: 3-4021
59. Machinery Sales Co.
1946 E. Bethany Rd.
P. O. Box 1368
60. Major Supply Center
3040 W. McDowell Rd.
61. Mallico Distributors
315 S. 11th Ave.
62. Maltby Co., Edward D.
424 W. Jefferson St.
AL 4-8227
63. Marston Supply Co.
3206 N. Central Ave.
CR 7-5477
64. Naumann Lift Trucks, Inc.
2306 S. 11th Ave.
AL 8-8951
65. General Motors Corp.
213 N. First Ave.
AL 3-7770
66. Pacific Metals Co., Ltd.
909 N. First St.
AL 8-7821
67. Phoenix Jewelers & Gift Supply
27 W. Roosevelt
AL 8-0943
68. Potter-Bowman Co.
213 N. First Ave.
69. Pratt-Gilbert Hardware Co.
701 S. Seventh St.
AL 8-6751
70. Purvis & Co.
4571 Calle Redonda
WH 5-7272
71. Ragsdell Tool & Supply Co.
8234 N. 28th Dr.
WI 3-8753
72. Red-Lu Tool & Supply Co.
1641 E. Van Buren
AL 8-6861
73. Redman Equipment Co., Lee
P. O. Box 151
AL 8-3704
74. Reynolds Metals Co.
3500 W. Van Buren St.
AP 8-3551
75. Semon Bearing & Supply Co., Inc.
325 N. Third Ave.
AL 8-7566
76. Skil Corp.
3123 E. McDowell Rd.
BR 5-7242
77. Snap-on Tools Corp.
3229 E. Washington St.
BR 5-2489
78. Southwest Machine Tool Corp.
222 N. Seventh Ave.
AL 3-4197
79. Southwest Sales Co.
1620 E. Earle Dr.
CR 4-1331
80. Standard Oil Co. of California
Western Operations, Inc.
311 N. Central Ave.
AL 3-3141
81. Steel & Engineering Products Co.
411 N. Central Ave.
AL 3-5311
82. Thomson Co., Inc., Geo. S.
915 S. Central Ave.
P. O. Box 448
AL 8-4591
83. Thompson's Tool Sales & Service
2418 W. Indian School Rd.
84. Toncray Equipment Co. - Agency
213 N. First Ave.
AL 4-1383
85. United States Electrical Motors, Inc.
114 E. Roosevelt St.
AL 8-2693
86. Vernon Tool Co. of Arizona
710 S. 35th Ave.
87. Western Machinery Co.
820 N. 17th Ave.
AL 8-8531
88. Wilson Machinery Corp.
1006 S. 24th St.
BR 5-5455
89. Wright & Co., Norman S.
2641 E. Adams St.
BR 5-4469

SCOTTSDALE

90. Cole Sales Corp., W. T.
618 Miller Rd.
P. O. Box 247
WH 5-8306
91. Elgin National Watch Co.
11842 N. 67th St.
WH 5-6926
92. Fryco Sales
478 N. Scottsdale Rd.
WH 5-2261
93. Germain Machinery Co.
45 W. First Ave.
WH 5-0667
94. Goodyear, Paul
11842 N. 67th St.
WH 5-6826
95. Groene, W. L.
8102 N. Mummy Mt. Rd.
96. Moore Machinery Co.
45 W. First Ave.
WH 5-0667
97. Norton Co.
45 W. First Ave.
98. Tinker, Jr. Alex
6802 E. Pinchot St.
99. Tornquist Machinery Co.
45 W. First Ave.
WH 5-1192
100. Western Control Equipment Co.
3840 N. Jokake Dr.
WH 5-4290
101. Willard LeBlond Groene
8102 N. Mummy Mountain Rd.
WH 5-6710

TUCSON

102. Arizona Hardware Co.
1715 E. 22nd St.
103. Arizona Tool & Die Co.
31 E. Rillito St.
Phone: 3-8842
104. Aweco Supply Co.
800 S. Park Ave.
P. O. Box 4578, University Station
Phone: 4-1781
105. Bartley, R. W.
2114 N. Campbell Ave.
P. O. Box 2868
EA 5-2291
106. Brake Supply Co., The
30 W. Sixth St.

107. Central Station Equipment Co.
2323 Aviation Hwy.
MA 3-2493
108. Complete Industrial Supply Co.
506 N. Stone Ave.
MA 3-6701
109. DiEugenio Tool Center, Inc.
3226 E. 24th St.
EA 6-5404
110. Empire Sales Co.
3838 E. 37th St. (11)
EA 6-5111
111. General Electric Co.
650 N. Sixth Ave.
MA 3-3113
112. Industrial Tool & Supply Co.
830 22nd St.
MA 3-2581
113. Interstate Tool & Supply Co.
5617 E. 29th St.
EA 5-0011
114. Lincoln Electric Co., The
650 N. Sixth Ave.
MA 3-1614
115. Marshall Co., G. S.
3915 E. Broadway
EA 7-1501
116. Pratt-Gilbert Hardware Co.
426 E. Seventh St.
MA 4-7812
117. Reed, Paul
4050 E. Third St.
EA 7-3754
118. Schnadig, Jr., Edgar L.
2617 E. Florence Dr.
EA 6-6100
119. Tucson Bearing Co.
1110 S. Park Ave.
MA 3-3618
120. Wagner, Miles C.
215 E. River Rd.
Route 4, Box 940
MA 3-5353

ARKANSAS

CROSSETT

1. Tri-State Mill Supply Co.

DeQUEEN

2. DeQueen Mill Supply Co., Inc.
P. O. Box #231
JU 4-3521

EL DORADO

3. Apex Supply Co.
606 N. West Ave.
4. Bellew Sales Co., Dick
314 Melrose
UN 3-8325
5. Tool Room, The
111 W. Hillsboro

FORT SMITH

6. Anderson Machinery & Supply Co.
512 S. Fifth St.
7. Boal Foundry & Machine Co., Inc.
S. Tenth St. and Carnall Ave.
SU 2-9129
8. Bruce Co., Inc.
816 Carnall Ave.
9. Bruce-Rogers Co.
51-55 S. Sixth St.
10. Lyons Machinery Co.
712 Division St.
Fort Smith, Ark.
11. McKee & Pitts Industrial, Inc.
500 N. Second St.
12. Tooling Unlimited
1621 Ballman Rd.
SU 2-5153
13. Williams Supply & Machinery Co.
200 S. Seventh St.
Fort Smith, Ark.
SU 3-8929

SALES OFFICES

ARKANSAS

LITTLE ROCK

14. Allied Arkansas Bearing Co.
517 Spring St.
FR 4-4868
15. Arkansas Foundry Co.
1423 E. Sixth St.
FR 2-6261
16. Bigelow Robinson Co.
920 E. Third St.
P. O. Box #2694
FR 4-8901
17. Bullard Co., Allen
509 E. Markham
FR 6-1678
18. Burns Co., Troy
3615 Lewis St.
P. O. Box #7
MO 4-1589
19. Capitol Welding Supply Co.
1101 North St.
20. Choctaw, Inc.
P. O. Box #3020
21. Easo Standard Oil Co.
614 W. Seventh St.
22. Flinn Engineering Co.
c/o Allen Bullard Co.
509 E. Markham St.
FR 6-1678
23. General Electric Co.
103 W. Capitol Ave.
FR 5-1273
24. Hollis & Co.
330 E. Third St.
FR 5-8155
25. Lyons Machinery Co.
904 Broadway
FR 4-5007
26. Mill & Mine Supply Co.
920 Allen St.
FR 5-0224
27. P. C. Hardware & Machinery
313 W. Capitol Ave.
28. Parts Warehouse, Inc.
416-518 W. Capitol Ave.
29. Reynolds Metals Co.
405 Commercial National Bank Bldg.
FR 4-6472
30. Scharff, L. L.
3001 Ozark Ave.
MO 3-6659
31. Stout, Inc., Curtis H.
400 Shail St., Room 121
FR 4-8201
32. Welders Supply Co.
800 E. Roosevelt
33. Willey, Donald J.
2201 Blackwood Rd.
MO 3-4611
34. Wofford Co., William G.
P. O. Box #1768
35. Woods Machine Co., S. A.
Fifth and Main Sts.
FR 4-1909

MAGNOLIA

36. Industrial Electric Co.
P. O. Box 656
CE 4-4282

NORTH LITTLE ROCK

37. Jones Co., Brady W.
3800 E. Broadway
38. Lift Truck & Service Co.
110 W. Ninth St.

PINE BLUFF

39. Arkansas Mill Supply Co.
P. O. Box 647
40. Clark Controller Co., The
815 Hudson Ave.
P. O. Box 673
JE 4-5932
41. Gregory-Salisbury & Co.
P. O. Box 673
JE 4-5932

ROGERS

42. Wendt-Sonis Co.
205 N. 13th St.
ME 6-1515

STUTTGART

43. Fairbanks, Morse & Co.
409 E. Second St.
WA 2-1315

TEXARKANA

44. Buhrman-Pharr Hardware Co.

CALIFORNIA

ALAMEDA

1. Nowell Co., Chas. E.
1150 Versailles Ave.
LA 3-8669

ALHAMBRA

2. Cassinus Co.
2703 W. Valley Blvd.
CU 3-8605
3. Dow Corning Corp.
3033 W. Mission Rd.
CU 3-6621
4. Loy & Associates, Frank
2890 W. Valley Blvd.
CU 3-4801
5. Pipe Machinery Co.
3090 W. Valley Blvd.
CU 3-4874
6. Prescott Co., George M.
825 S. Fremont Ave.
7. Reuland Electric Co.
3001 W. Mission Rd.
CU 3-4171
8. Richetta Co., Don
1230 S. Garfield Ave.
AT 4-0082

ALTADENA

9. Cary, Fred
26 W. Terrace St.
SY 4-2198
10. Cheney, John I.
1162 E. Mendocino Ave.
11. Donnelly, James
1241 Sunny Oaks Cir.
SY 8-9339
12. Heintz, Emil
1360 Boston St.
SY 4-1449

ANAHEIM

13. Age Engineering
877 S. Rose Pl.
14. Factory Supply
112 S. Orangethorpe Ave.
15. Flexible Tubing Corp.
305 Crescent Wy.
PR 4-9834
16. Maltby Co., Edward D.
1520 W. Lincoln Ave.
PR 4-9292
17. Marshall Tool & Supply Corp.
112 E. Orangethorpe
TR 1-1323
18. Power Tool & Supply Co.
246 N. Manchester Ave.
KE 5-7288

ARCADIA

19. Hagerty, C. Q.
1026 Panorama Dr.
HI 6-2038
20. Nies, W. M.
208 Naomi Ave.
RA 3-7111
21. Phillips Co., A. J.
328 Magna Vista Ave.
HI 6-3141
22. Thomas, Charles W.
1110 Mayflower

ARCATA

23. Munnell & Sherrill of Calif.
156 S. "G" St.
P. O. Box 217
VA 2-1761

24. Reliable Hardware Co.
11th and M Sts.
VA 2-0378

AZUSA

25. Reichhold Chemicals, Inc.
237 Motor Ave.
CU 3-4123

BAKERSFIELD

26. BA-Valley Industrial Supply
141 First St.
FA 7-5321
27. Bakersfield Welding Supply Co.
901 18th Ave.
FA 5-5782
28. Gray Lift, Inc.
P. O. Box 1441
1817 "H" St.
29. Hopper Machine Works, Inc.
Box 259
301 26th St.
FA 5-9071
30. Kern Electric Distributors
2830 Chester Ave.
FA 5-2436
31. Lawless Brothers, Inc.
4000 Rosedale Hwy.
P. O. Box 3036
32. U. S. Electrical Motors, Inc.
1817 "H" St.
FA 3-7369

BALBOA

33. Wagner, Henry
1116 W. Ocean Front
OR 7965

BALDWIN PARK

34. Prebco Bushing Co.
14702 E. Arrow Hwy.
ED 7-0112

BELL

35. King Sales & Engineering
4855 E. Gage Ave.
LU 3-6606
36. Milne & Co., Inc., A.
4819 E. Patata St.
LU 3-3465
37. Paul-Monroe Co.
6430 E. Gage Ave.

BELLFLOWER

38. American Carbide Co.
8742 Park Ave.
ME 4-1180

BELL GARDENS

39. Hondo Specialties Co., Inc.
7746 Scout Ave.
SP 3-3776
40. Pacific Scientific Co.
6280 Chalet Dr.
LU 3-1121
41. Paul-Munroe Co., The
6430 E. Gage Ave.
SP 3-2870

BELMONT

42. Bischoff Chemical Corp.
1341 Old County Rd.
43. Carpenter Steel Co., The
1530 Industrial Wy.
LY 3-8461
44. Pitcher, Eugene C.
1708 Fernwood Dr.
LY 3-7811
45. Production Tool & Machine Co.
1341 Old County Rd.
LO 9-2244
46. Smith & Associates, Harry M.
1341 Old County Rd.
LY 3-7389

BERKELEY

47. Armco Steel Corp.
2020 Milvia St. (4)
48. Ayers, Herb
2737 Garber St. (5)
TH 5-2415

CALIFORNIA

49. Bay Cities Tool & Supply Co.
2630 San Pablo Ave. (2)
TH 3-8852
50. Chain Belt Co.
2940 Seventh St. (10)
TH 3-6801
51. Eutectic Welding Alloys Corp.
1108 Blake St. (2)
TH 3-7577
52. Fletcher, Thomas A.
2216 Fifth St. (10)
TH 5-1863
53. Gain, Louie A.
1544 Spruce (9)
AM 2-1431
54. Germain-Moore Machinery Co.
Seventh and Carleton Sts. (10)
TH 3-1636
55. Hastings Distributors
1605 Solano Ave. (7)
LA 5-9077
56. Huck Manufacturing Co.
1813 Cedar St.
TH 1-1888
57. Koses, Harry
3033 San Pablo Ave. (2)
AS 3-6726
58. Moore Machinery Co.
Seventh and Carleton Sts. (10)
TH 3-1636
59. New Departure Div.
1716 Fourth St. (10)
LA 6-8756
60. Remington Arms Co., Inc.
2735 San Pablo Ave. (2)
TH 8-5514
61. San Francisco Stores Div. of
Moore Machinery Co. (10)
62. Schmidt Co., John H.
1501 San Pablo Ave.
P. O. Box 125, Station A, (2)
LA 5-9641 and 5-9642
63. Vickers, Inc.
920 Grayson St. (10)
TH 8-4997
79. Marshall Tool & Supply Corp.
900 S. Victory
VI 9-1431 and TH 5-1791
80. Parker & Son, H. M.
1317 N. San Fernando Rd.
81. Production Machinery Sales, Inc.
2815 W. Burbank Blvd.
VI 9-3206 and TH 2-5119
82. Resistoflex Corp.
2919 Empire Ave.
VI 9-4651
83. Tiplor Engineering & Manufacturing
Co.
3115 N. Kenwood St.
84. Tyson, Richard C.
736 Evergreen St.

BURLINGAME

85. Airdraulic Industrial Products Co.
1104 Carolan Ave.
DI 2-7297
86. Allis Co., The Louis
1275 Rollins Rd.
DI 2-4393
87. Cratex Manufacturing Co., Inc.
1600 Rollins Rd.
OX 7-1600
88. Cuno Engineering Corp., The
723 California Dr.
P. O. Box 271
DI 2-3537
89. Federal Products Corp.
345 California Dr.
DI 3-6578
90. Fink & Co., Victor E.
25 Tulip Ct.
DI 3-7635
91. Long & Associates
1210 Canterbury Dr.
DI 3-8537
92. Reeves Pulley Co.
1525 Adrian Rd.
OX 7-5341
93. Routh Co., The T. R.
1209 Capuchino Ave.
94. Wooldridge Co., Wm. P.
1209 Burlingame Ave.
DI 2-0823

CAMPBELL

95. VanRiper, Clifford
461 N. April Wy.
AX 7-6481

CANOGA PARK

96. Prock, Robert F.
6952 Cozycroft Ave.
DI 7-9376

CARMEL

97. McDaniel, C. W.
P. O. Box 4236
MA 4-2977

CASTRO-VALLEY

98. Baab Toolroom Supply, Lloyd
19782 Salem Rd.
LU 2-9138

CHICO

99. Moore's Welding Supply
744 Orange St.
100. Vascology-Ramet Corp.
1306 Bidwell Ave.
FI 3-0417

CLAREMONT

101. Federal-Mogul Div.
740 W. Tenth St.

COMPTON

102. Banner Metals, Inc.
2959 Victoria St.
NE 6-9911
103. Industrial Saw & Manufacturing, Inc.
308 E. Oaks Ave.
NE 6-1736
104. Industrial Tectonics, Inc.
18301 Santa Fe Ave.
NE 6-9941

105. Mead Western Co.
1520 S. Long Beach Blvd.
NE 6-4355
106. Ofield Sales & Engineering Co.
709 E. Rosecrans Ave.
P. O. Box 334
NE 6-2675
107. Youman, George
409 S. Pearl Ave.
NE 6-8265

COSTA MESA

108. Cundall, Herman L.
2013 Monrovia St.
LI 8-0038

COVINA

109. Ross, Fredrick S.
414 Rimbhurst
ED 2-6182

CULVER CITY

110. Cameron Supply Co., John
4016 Irving Pl.
111. Hevi-Duty Electric Co.
10826 Venice Blvd.
VE 7-1205
112. Pannier Corp., The
5415 Sepulveda Blvd.
EX 5-2262
113. Union Industrial Supply Co.
10610 Culver Blvd.
VE 9-4331
114. Wallace Co., Inc., The R. G.
4204 Sepulveda Blvd.

DOWNEY

115. Army, Edgar L.
12200 S. Bellflower Blvd.
TO 1-9251
116. Ex-Cell-O Corp.
12200 Bellflower Blvd.
TO 1-9251
117. Hanna, Harvey A.
12200 S. Bellflower Blvd.
TO 1-9251
118. Kaiser Industrial Sales
P. O. Box 67
SP 3-0217
119. Kiener, Frank
10452 Chaney Ave.
TO 9-6380
120. Lindberg Engineering Co.
11937 S. Regentview Ave.
SP 3-1987
121. Post, Neal A.
10308 S. Julius Ave.
TO 2-8446
122. Productool, Inc.
9158 E. Firestone Blvd.
LU 3-6429 and TO 1-9785

EL CAJON

123. Tools & Metals, Inc.
301 N. Johnson Ave.
HI 2-1631

EL CENTRO

124. Douthitt Steel & Supply, Inc., W. H.
P. O. Box 220
E. Main St.
EL 2-5701
125. Imperial Hardware
126. Winn Supply Co.
254 E. Main St.

EL MONTE

127. Absco, Inc.
3024 N. Peck Rd.
128. Engineering Products Co.
3350 Gilman Rd.
129. Handy & Harman
330 N. Gibson Rd.
CU 3-8181
130. Hayden Twist Drill Co.
2630 N. Nevada
GI 8-3804

BEVERLY HILLS

64. Airsupply Co.
9815 Wilshire Blvd.
BR 2-8111
65. Collins-Powell Co.
9247 Alden Dr.
CR 4-8071
66. Consolidated Electrodynamics Corp.
291 S. LaCienega Blvd.
67. Dudek & Co., B. C.
407 N. Maple Dr.
BR 2-8097

BUENA PARK

68. Smith, H. B.
P. O. Box 277
LA 2-1805

BURBANK

69. Aeroquip Corp.
3015 Winona Ave.
70. Air Parts International
3104 W. Vanowen St.
71. Ampeo Metal, Inc.
30 E. Burbank Blvd.
TH 8-5504
72. Baker Supply
632 N. Victory Blvd.
73. Barry Controls, Inc.
2821 N. Naomi St.
VI 9-2256
74. Bliss Co., E. W.
816 N. Hollywood Wy.
VI 9-5551
75. Brand Tool & Supply Co.
907 S. Victory
TH 8-2903
76. Elect-Air Tool Co.
310 W. Verdugo Ave.
VI 9-3126
77. Howell Co., Roger
1804 W. Olive Ave.
VI 9-1803
78. Huron Machine Products, Inc.
2809A Glen Oaks Blvd.
VI 9-5013

SALES OFFICES

CALIFORNIA

EL MONTE (cont.)

- 131. Huelster, W. H.
3742 N. Durfee Ave.
- 132. Ledeen, Inc.
Gilman Rd. at Garvey Blvd.
CU 3-3163
- 133. Manufacturer's Service, Inc.
2210 N. Chico Ave.
CU 3-1013
- 134. McNeill, S. W.
11654 Ranchito
- 135. Mercury Industrial Tool
11203 E. Garvey
- 136. Swenson, L. W.
517 Laurelhurst Dr.
- 137. Wall Machine Co.

EL SEGUNDO

- 138. Airborne Tool Co.
P. O. Box 2239
OR 8-7596
- 139. Alloy Rods Co.
750 Laitport St.
OR 8-7208
- 140. Metal & Thermit Corp.
1926 E. Maple Ave.
OR 8-5186
- 141. Miner & Associates
115 Main St.
EA 2-5656
- 142. Moran Co.
115 Main St.
- 143. Nylok Corp., The
133 Penn St.
EA 2-3772
- 144. Standard Pressed Steel Co.
741 Laitport
- 145. United Industries Co.
111 Eucalyptus Dr.
OR 8-7348
- 146. Vickers, Inc.
2160 E. Imperial Hwy.
OR 8-2503

EMERYVILLE

- 147. Air Reduction Pacific Co.
1485 Park Ave.
OL 2-4100
- 148. Balaam Brothers
1350 Powell (8)
- 149. Electric Steel Foundry Co.
1280 65th St. (8)
OL 4-2732
- 150. Lincoln Electric Co., The
1303 Stanford Ave. (8)
OL 5-6126
- 151. Ryerson & Son, Inc., Joseph T.
Box 8188 (8)
OL 3-2933
- 152. Westinghouse Air Brake Co.
1545 Park Ave. (8)
OL 2-8100

ENCINO

- 153. Belasco, Charles
5117 Gloria St.
- 154. Herman, Inc., A. Dale
17071 Ventura Blvd.
ST 9-0349
- 155. Huck Manufacturing Co.
15501 Huston St.
ST 8-1263

ESCONDIDO

- 156. Kirk Supply Co.
201 N. Broadway
- 157. Lowe, Ed.
Route #2 - Box 482

EUREKA

- 158. Bearings & Transmission Products
2930 Broadway St.
P. O. Box 879
HI 2-5727
- 159. Eureka Boiler Works & Acme
Foundry
Foot of "S" St.
HI 3-1681

FREMONT

- 160. Parker, Don
355 Garrett St.
NY 3-2889

FRESNO

- 161. Airborne Instruments Laboratory
155 Van Ness Ave. (21)
AM 8-3301
- 162. Bearing Supply Co.
2933 Hamilton Ave.
- 163. Bird, J. B.
2125 Richert St.
FR 8-0429
- 164. Citrin, William H.
2253 W. Barstow (5)
BA 7-0025
- 165. Commercial Manufacturing & Supply
Co.
2432 S. Railroad Ave. (14)
AD 2-6101
- 166. Elder & Co.
2805 N. Blackstone
BA 2-2846
- 167. Fairbanks, Morse & Co.
2379 S. "G" St.
AM 6-8644
- 168. Federal Pipe & Supply Co.
Corner Parallel and Butler Aves. (14)
AM 8-6151
- 169. Fresno Oxygen Co.
- 170. General Bearings Co.
2620 Church Ave.
P. O. Box 3230
- 171. General Electric Co.
407 Patterson Bldg. (1)
AM 6-8302
- 172. Gordan Equipment Co.
201 Van Ness
AM 4-2877
- 173. Gray Lift, Inc.
1905 Mary St.
P. O. Box 1066
AM 8-6256
- 174. Haven Machinery & Supply Co.
2405 Inyo St.
- 175. Heleck & Moran Fresno
850 Parellel Ave.
- 176. Lift Truck Service Corp.
510 Broadway
AD 3-7211
- 177. Lincoln Electric Co., The
444 Blackstone Ave. (1)
AM 6-0801
- 178. Standard Oil Co. of Calif.
Fulton and Fresno Sts.
AM 8-5271
- 179. U. S. Electrical Motors, Inc.
155 Van Ness (1)
P. O. Box 1309
AM 6-0689
- 180. Valley Forklift Sales Co.
2424 S. Railroad Ave.
- 181. Valley Foundry & Machine Works,
Inc.
2510 S. East Ave.
- 182. Walling, Capt. H. S.
1015 W. Alamos Ave.
BA 7-1734
- 183. Western Asbestos Co.
647 "R" St.
Phone: 6-9675
- 184. Wright & Co., Norman S.
1361 Abby St. (3)
AM 6-3808

GARDENA

- 185. Benchmark Manufacturing Co.
1835 W. Rosecrans Ave.
FA 1-0411
- 186. Color-matic Sales & Service Co.
1750 W. 178th St.
FA 1-4080
- 187. Fullerton Distributing Co.
1736 W. 130th St.
DA 3-4166
- 188. Gosney Electric Tool Co.
15115 S. Western
- 188A Henry, Howard W.
13209 S. Arcturus Ave.

- 189. Manning, Maxwell & Moore, Inc.
15025 S. Main St.
- 190. Ram Chemicals
P. O. Box 192
210 E. Olive St.
FA 1-0710
- 191. Schimmel, M. T.
14017 S. Wilkie
DA 9-8343
- 192. Seaboard Coll Spring Div.
15001 S. Broadway
- 193. Tool Components, Inc.
12923 Budlong Ave.
FA 1-1271

GARDEN GROVE

- 194. All-State Welding Alloys Co., Inc.
9331 Maureen Dr.
LE 9-8397
- 195. Cowen, Jack
11691 Wasco Rd.
LE 5-0134

GLENDALE

- 196. Bellows Co., The
926 Western Ave. (1)
CH 5-6911
- 197. Benbow, Donald A.
1539 Irving Ave. (1)
CI 3-7561
- 198. Colton, John P.
3712 San Fernando Rd.
- 199. Cross Rool Co.
6330 San Fernando Rd.
- 200. Duff, Inc., Gordon
5024 San Fernando Rd. (2)
- 201. Fischer-Knopp Co.
1125 E. Colorado Blvd. (5)
CH 5-4496
- 202. Glendale Saw Works
320 W. Colorado St. (4)
CI 3-7171
- 203. Haakel Engineering & Supply Co.
1236 S. Central Ave. (4)
CI 4-8148
- 204. Jones Tool Co.
917 Geneva St. (7)
P. O. Box 611
- 205. Logue, Muri F.
1137 E. Palmer Ave.
OX 4-4683
- 206. Michael Agency, Claude
703 W. Ivy St. (4)
CI 1-8857
- 207. Palmer, S.
Box 336
- 208. Parker & Son, H. M.
230 S. Central Ave. (4)
- 209. Paul Co., Chester
1605 Victory Blvd. (1)
CH 5-3761
- 210. Quackenbush Co., A. B.
4216 San Fernando Rd. (4)
CH 5-3072 and 5-3697
- 211. Reynolds, Darrell R.
1444 Winchester Ave. (1)
CH 5-4203
- 212. Roose, R. K.
1405 Air Wy. (1)
CH 5-5439
- 213. Sheffield Western Corp., The
3630 San Fernando Rd.
CI 4-8431
- 214. Southwest Supply Co., Inc.
6640 San Fernando Rd. (1)
CH 5-1068
- 215. Super Tool Co.
3210 San Fernando Rd. (3)
CH 5-2668
- 216. Valley Engineers
418 N. Glendale Ave. (6)
CH 5-3510
- 217. Yates Products
703 W. Ivy St. (4)

GOLETA

- 218. Pacific Coast Industrial Supply
Bldg. 100, Santa Barbara Airport
WO 7-1095

SALES OFFICES

GRANADA HILLS

219. Brookhart, Rex
16319 Jonfin St.
EM 3-6980

HANFORD

220. Liquid Carbonic Corp.
427 Seventh St.

HARBOR CITY

221. Tucker, William T.
Box 565
AD 4-4948

HAWTHORNE

222. Airline Welding Sales Co.
785 N. Prairie Ave.
OS 5-0316
223. Braun Co., Robert H.
12924 Yukon
224. Burgan Machinery Co.
12963 S. Crenshaw Blvd.
OR 8-6208
225. Collins Microflat Co.
3249 W. El Segundo Blvd.
226. Denison Engineering Div.
1651 E. El Segundo Blvd.
PL 7-2346
227. Engineered Magnetics
13651 Cerise Ave.
228. Powis Machinery Sales
5144 W. 122nd St.
OR 8-8350
229. Rufus, David
13051 Cerise Ave.
230. Sonnet Supply Co.
576-580 N. Prairie Ave.
OR 8-5651

HAYWARD

231. Huseby Co., Inc., M. F.
2214 Coleman Ave.
JE 7-9164
232. Muser, Joseph W.
518 Beechmont La.
JE 7-9559
233. Porter Co., Robert B.
Hayward Municipal Airport

HOLLYWOOD

234. Aldraulics Co.
5880 Hollywood Blvd. (28)
HO 2-1133
235. American Optical Co.
1433 Cole Pl.
HO 3-4161
236. Brandon, John
2401 Cazaux Dr. (28)
237. Hazen, Harry
2135 N. Beachwood Dr. (28)
HO 7-6294
238. K & F Distributing Co.
5514 Franklin Ave. (28)
HO 9-3029
239. Link Aviation, Inc.
7046 Hollywood Blvd. (28)
240. Matthews & Co., Jas. H.
6061 Scenic Ave. (28)
241. McBurney, A. D.
5908 Hollywood Blvd.
HO 2-6543
242. Nash Industrial Equipment Co.
1400 N. Hayworth Ave. (46)
OL 6-6852
243. Schaefer, J. A.
6000 Sunset Blvd. (28)

HUNTINGTON BEACH

244. Huck Manufacturing Co.
18151 Valles Circle
ST 8-1262
245. Almco California Branch
5301 Pacific Blvd.
LU 3-2331
246. Aude & Associates, Peter N.
6904 Santa Fe Ave.
LU 7-4186
247. California Warehouse
2464 E. Slauson Ave.

248. Erickson, R. E.
P. O. Box 421

249. Green, Charles K.
3044 E. Gage Ave.
LU 7-8161

250. Griffin Co., James H.
5224 Pacific Blvd.
LU 8-4124

251. Huntington Park Saw & Knife, Inc.
6918 Santa Fe Ave.
LO 2858 and JE 4289

252. Lovejoy Sales & Service Co.
3370 E. Florence Ave.
LU 2-6837

253. Master Pneumatic Tool Co., Inc.
3044 E. Gage Ave.
LU 7-8161

254. Montague-Harris & Co.
P. O. Box 899, Slauson Ave. Sta.
5301 Pacific Blvd.
LU 3-2331

255. Norton Co.
5905 Pacific Blvd.
LU 2-8195

256. Optical Equipment Co.
6910 Santa Fe Ave.

257. Pike, Granville E.
3044 E. Gage Ave.
LU 7-8161

258. Preston Machinery
6703 Santa Fe Ave.
LU 3-4139

259. R. C. H. Supply Co.
7621-33 Santa Fe Ave.
LU 3-2368

260. Scofield Co., L. M.
2071 Laura Ave.

261. Valvate Associates
7814 State St.
LU 3-1263

262. Walker & Roebuck
3157 Olive St.
LU 1-8501

263. Welders Supply Co.
5905 Pacific Blvd.
LU 9-4846

INDIO

264. Wright, Jr., James E.
83-783 48th Ave.
CO 8-4321

INGLEWOOD

265. Adamas Carbide Corp.
707 N. La Brea Ave.
OR 8-0017
266. Burgan Machinery Co.
P. O. Box 2096 (4)
Morningside Park Station
OR 8-6208
267. California Aircraft Tool Co.
821 W. Olive St.
268. Imperial Industrial Supply
4924 W. Imperial Hwy.
OR 1-3402
269. Iron Bender Sales
8117 S. Van Ness (4)
PL 3-0045
270. Jack & Heintz, Inc.
1009 W. Arbor Vitae St. (1)
OR 8-4921
271. Marshall Tool & Supply Corp.
1416 Centinella Ave.
OR 1-7723—OR 8-7709
272. Mitchell Specialty Div.
200 W. 64th Pl.
OR 8-1411
273. Modco Tools Div.
418 N. LaBrea
274. Precision Tool Service
1213 W. Arbor Vitae (1)
OR 8-7929
275. Valenite Metals Div.
416 N. LaBrea
OR 8-5013
276. Victor Tool & Supply
707 N. LaBrea Ave. (3)
OR 8-4967
277. Weltronic Co.
9431 11th Ave. (4)
OR 8-1542

CALIFORNIA

LA CRESCENTA

278. M. W. D. Tool Supply Co.
3450-B Foothill Blvd.

LAFAYETTE

279. Maloon, F. V.
3117 Withers Ave.
YE 5-7208

LAHABRA

280. Hasselberg, Richard
641 Kenley Ave.
OW 1-2495
281. Willey, E. B.
316 Bedford
OX 7-3794

LA MESA

282. Arrowsmith Tool & Die Corp.
8444 Midland
HO 3-5544

LA MIRADA

283. Roosevelt Co., The R. H.
P. O. Box 236
RA 3-3510

LA PUENTE

284. Prestin, Bob
13956 Barrydale
ED 8-5937
285. Price, Dale
16328 Pocono St.

LEMON GROVE

286. Cochran & Co.
7921 Broadway
P. O. Box 397
HO 6-0678

LONG BEACH

287. American Wholesale Hardware Co.
1500 W. Anaheim St.
HE 6-1261
288. Bay State Abrasive Products Co.
3480 Cherry Ave. (7)
GA 7-2983—GA 7-4947
289. Bearings, Belts & Chains
2041 W. Anaheim Blvd.
290. Braun Co., Robert H.
1227-1229 W. Cowles
291. Cain, J. R.
2867 Lomina Ave. (15)
292. Holley, Anthony L.
4415 Linden Ave.
GA 2-3286
293. Long Beach Welders Supply
1629 W. Anaheim St. (13)
294. Maltby Co., Edward D.
2041 W. Anaheim St. (13)
HE 7-1808
295. Marine Industrial Supply
645 W. Anaheim St. (13)
296. Miller, R. R.
P. O. Box 107 (1)
HE 2-4596
297. Pacific Radionics
2586 E. 67th St. (5)
NE 6-9545
298. Smith & Thorp, Ltd.
141 E. Anaheim St. (13)
299. Tullis, H. I.
353 W. Pacific Coast Hwy. (6)
300. Viets Engineering Co.
1965 Pacific Ave.
HE 5-2522 or 5-1313

LOS ALAMITOS

301. Lovernick & Associates, M.
P. O. Box 248
GE 1-8821

LOS ALTOS

302. General Radio Co.
1182 Los Altos Ave.
WH 8-8233

SALES OFFICES

CALIFORNIA

LOS ALTOS (cont.)

- 303. Pridmore, Harold E.
P. O. Box 1232
- 304. Sberal Co., The
135 Osage Ave.
WH 8-8221

LOS ANGELES

- 305. Aaron Machinery Co., Inc.
2047 S. Santa Fe Ave. (21)
TU 2234
- 306. Abbott Instrument & Engineering Co.
7579 Melrose Ave. (46)
WE 8-2448
- 307. Abrasive Products, Inc.
1125 Wall St. (15)
RI 9-1331
- 308. Abaco Welding Equipment & Supply Co.
4600 W. Jefferson Blvd. (16)
RE 2-7105
- 309. Acme Industrial Supply Co.
6213 Avalon Blvd. (3)
AD 3-3211
- 310. Acme Steel Co.
4903 Pacific Blvd. (58)
LU 8-1241
- 311. Acoustica Associates, Inc.
10400 Aviation Blvd.
SP 6-0611
- 312. Airborne Instruments Laboratory
6431 Bandini Blvd. (32)
RA 3-8391
- 313. Aircraft Threaded Products
3716 W. Jefferson Blvd.
- 314. Air & Hydraulic Equipment Co.
4863 Telegraph Rd. (22)
AN 9-8289
- 315. Air Reduction Pacific Co.
3861 Leonis Blvd.
LU 7-6141
- 316. Airdreco
4863 Telegraph Rd. (22)
AN 9-8289
- 317. Alemite Co.
Washington at Hope (15)
- 318. Alert Supply Co.
2041 S. Davie Ave. (22)
RA 3-8541
- 319. Allegheny Ludlum Steel Corp.
5333 E. Slauson Ave. (22)
RA 3-1181
- 320. Allen-Bradley Co.
1264 S. Boyle Ave. (23)
AN 9-9421
- 321. Allen Manufacturing Co.
6935 1/2 E. Bandini Blvd. (22)
RA 3-0163
- 322. Allied Tool & Abrasive Supply Co.
3314 Fruitland Ave. (58)
LU 2-7241
- 323. Allis-Chalmers Manufacturing Co.
417 S. Hill St. (13)
MA 6-2231
- 324. Allis Co., The Louis
4405 E. Olympic Blvd. (23)
AN 8-3621
- 325. Allison-Campbell Div.
6800 E. Acero St.
RA 3-9751
- 326. Almquist Bros. Tool & Equipment Co.
2300 E. 49th St. (58)
P. O. Box 58113, Vernon Branch
LU 8-9111
- 327. Aloe Co., A. S.
1150 S. Flower St. (15)
- 328. Aluminum Co. of America
1145 Wilshire Blvd. (17)
MA 6-0241
- 329. American Instrument Co., Inc.
7579 Melrose Ave.
WE 8-2448
- 330. Anderson Equipment Co.
1703 Avalon Blvd. (3)
- 331. Andrews Hardware & Metal Co.
334 S. Main St. (13)
MA 9-5039

- 332. Arcos Corp.
123 S. Santa Fe Ave. (12)
MA 6-9438
- 333. Armco Steel Corp.
3460 Wilshire Blvd. (5)
- 334. Armit Laboratories
6609 Broad St. (1)
- 335. Armstrong Cork Co.
5983 E. Smithway St. (22)
- 336. Aro Equipment of California
3141 S. Grand Ave. (7)
RI 7-7531
- 337. Arrow-Hart & Hegeman Electric Co., The
130 S. Anderson St. (23)
AN 9-8166
- 338. Associated Gear & Machine Co.
829 Santa Fe Ave. (21)
- 339. Athol Machine & Foundry Co.
2864 Rock Glen Ave.
AL 8803
- 340. Atkinson Co., Ralph W.
3713 Santa Fe Ave. (58)
LU 8-5107
- 341. Atlas Brass Foundry
1901 Santa Fe Ave. (21)
- 342. Automatic Switch Co.
1233 Goodrich Blvd. (22)
RA 3-3685-9
- 343. Automotive & Industrial Warehouse Co.
1341 S. Hope St. (15)
- 344. Axleson Manufacturing Co.
6160 S. Boyle Ave.
- 345. Bachtel & Co., J. C.
4510 Fountain Ave.
NO 2-3290
- 346. Bailey & Associates, Don E.
5950 S. Normandie (44)
PL 1-1169
- 347. Baldwin-Lima-Hamilton
1052 W. Sixth St.—Rm 310 (17)
MA 6-5631
- 348. Balloon Tire Mould Co.
527 Ceres Ave.
- 349. Barber-Colman Co.
7451 E. Slauson Ave. (33)
RA 3-3369
- 350. Barker Foundry Supply Co.
4887 Fruitland Ave. (58)
LO 8-6351
- 351. Barksdale Co.
5125 Alcoa Ave. (58)
LU 9-6181
- 352. Bausch & Lomb Optical Co.
314 W. Sixth St. (14)
TU 1401
- 353. Bearing Engineers, Inc.
3511 S. Figueroa St.
RI 9-2193
- 354. Bearing Sales Co.
1950 S. Olive St. (7)
- 355. Bearing Specialty Co.
225 W. 27th St.
- 356. Beebe, C. C.
2058 W. 78th Pl. (47)
PL 3-0941
- 357. Behr-Manning Co.
4950 E. 49th St. (58)
LU 9-5331
- 358. Behringer, Inc., A. C.
334 N. San Pedro St. (12)
MU 7806
- 359. Bell Machinery Co.
4439 Santa Fe Ave. (58)
LU 2-6181
- 360. Berg & Ash Tool Supply Co.
1218 Santa Fe Ave. (21)
- 361. Besly-Welles Corp.
3224 Union Pacific Ave. (23)
AN 8-1901
- 362. Bias Buff & Wheel Co.
111 W. Seventh St.
MA 2-2297
- 363. Billard, Inc., W. T.
734 E. Third St. (13)
MA 4-2659
- 364. Black & Decker Manufacturing Co., The
2432 S. Broadway (7)
RI 9-0371

- 365. Blakeslee & Co., G. S.
356 S. Central Ave. (13)
MA 4-5657
- 366. Boddy, Don R.
1921 Campus Rd. (4)
CL 6-4206
- 367. Boreham, Roland S.
1206 S. Maple Ave.
RI 9-9251
- 368. Bowser, Inc.
5711 Sheila St. (22)
RA 3-8468
- 369. Boyar-Schultz Corp.
3020 E. Olympic Blvd. (23)
AN 9-0148
- 370. Boyd Co., A. B.
763 E. 14th St. (21)
RI 9-6121
- 371. Brady Co., W. H.
923 E. Third St. (13)
MA 6-2896
- 372. Braeburn Alloy Steel Corp.
5801 Sheila St. (22)
RA 3-1111
- 373. Braun Chemical Co.
1363 S. Bonnie Beach Pl.
- 374. Braun Co., Robert H.
5519 Jillion St. (22)
RA 3-6381
- 375. Bridgeport Brass Co.
6500 E. Flotilla St. (22)
- 376. Brightboy Industrial Div.
6416 Whittier Blvd. (22)
RA 3-3794
- 377. Brenner-Fiedler & Associates, Inc.
7563 Melrose Ave. (46)
WE 3-3811
- 378. Bristol Co., The
6800 E. Acero St. (22)
RA 3-9751
- 379. Brookes Co., The E. Jordan
6601 Telegraph Rd. (22)
RA 3-8431
- 380. Brown Co., J. J.
237 S. Spring St. (12)
MA 2-3263
- 381. Brown & Sharpe Manufacturing Co.
3040 E. Olympic Blvd. (23)
AN 1-0115
- 382. Browning Co., E. S.
2321 Yates Ave. (22)
- 383. Brumley-Donaldson Co.
P. O. Box 58281, Vernon Sta. (58)
- 384. Brunner & Lay of Los Angeles, Inc.
3425 E. 37th St.
LU 7-1233
- 385. Brush Instruments
1960 S. LaCienega Blvd. (34)
TE 0-7517
- 386. Buffalo Forge Co.
P. O. Box 49737 (17)
- 387. Bullard Co., E. D.
6719 S. Figueroa St. (3)
- 388. Bunting Brass & Bronze, The
240 W. 18th St. (15)
RI 9-3549
- 389. Burkllyn Co.
3429 Glenside Blvd. (39)
NO 2-3111
- 390. Butcher Co., L. H.
3628 E. Olympic Blvd. (23)
AN 2-4101
- 391. Calhoun & Poxon Co.
5459 Alhambra Ave. (32)
CA 5-2328
- 392. California Alloy Products Co.
6438 E. Corvette St. (22)
RA 3-6487
- 393. California Hardware Co.
500 E. First St. (54)
P. O. Box 2829—Terminal Annex
MA 9-2411
- 394. California Nut & Bolt Co.
238-248 S. Mission Rd. (33)
AN 1-5151
- 395. Calrepco
1417 Georgia St. (14)
RI 9-8485
- 396. Canfield, M. E., Co.
419 Third St., East (13)
MA 6-6606

CALIFORNIA

397. Capewell Manufacturing Co., The
1335 S. Hill St.
398. Carbide Products Co.
2327 E. Eighth St. (21)
VA 6154
399. Carborundum Co., The
2626 Malt Ave. (22)
RA 3-4566
400. Card Div., S. W.
3675 E. Olympic Blvd. (23)
AN 3-2131
401. Carney Co., T. C.
1201 S. Boyle (23)
AN 4-0333
402. Carpenter Steel Co., The
3009 E. 44th St. (58)
LU 7-9131
403. Carr Co., Inc., Curt
5406 Fernwood Ave. (27)
HO 5-5848
404. Carrier Corp.
5330 Harbor St.
P. O. Box 6768,
East Los Angeles Br. (22)
RA 3-6511
405. Century Electric Co.
1855 Industrial St. (21)
MA 7-8528
406. Chain Belt Co.
7601 Telegraph Rd. (22)
RA 3-4751
407. Charles Warehouse Co., Inc.,
216 S. Alameda St. (12)
MI 1932
408. Chase Brass & Copper Co.
6500 E. Washington Blvd. (54)
RA 3-5351
409. Chase Steel & Supply Co.
2707 S. Supply Ave. (22)
RO 3-9455
410. Chicago Pneumatic Tool Co.
6935 Bandline Blvd. (22)
RA 3-6731
411. Circo Equipment Co.
2041 S. Davis Ave. (22)
RA 3-8841
412. Clark Controller Co., The
4755 E. 49th St. (58)
LU 3-6366
413. Cleco Div.
1313 S. Esperanza (23)
AN 8-3475
414. Cleveland Cap Screw Co.
2613 S. Yates Ave. (22)
RA 3-8471
415. Cleveland Tramrail California Co.
6435 Corvette St. (22)
RA 3-5205
416. Cleveland Twist Drill Co., The
2301 E. 38th St. (58)
LU 7-9156
417. Coast Tool Co.
3726 W. Slauson Ave. (43)
AX 2-0355
418. Coast Wise Machine Tool, Inc.
2026 S. Santa Fe Ave.
LU 8-9101
419. Coastal Sales Co.
1264 Fedora St. (5)
RE 5-0248
420. Colson Equipment & Supply Co.
1317-23 Willow St.
MA 2-2422
421. Columbia Tool Steel Co.
6955 E. Bandini Blvd. (22)
RA 3-4684
422. Continental Metals, Inc.
7001 Santa Monica Blvd. (38)
HO 9-8383
423. Cooke Co., G. M.
5017 Telegraph Rd. (22)
AN 9-0391
424. Cox Tool & Industrial Supplies, J. B.
1436 E. Firestone Blvd. (1)
LU 3-2204
425. Crawford Co., M. C.
2517 W. Slauson Ave. (43)
AX 3-8195
426. Creeger, Donald H.
4814 Loma Vista Ave. (58)
LU 8-9200
427. Crest Tool & Supply Co.
7511 Santa Monica Blvd. (46)
HO 7-2171
428. Crown Chemical & Engineering
4722 Worth St. (63)
429. Crucible Steel Co.
6033 E. Bandini Blvd. (22½)
RA 3-4821
430. Darnall Machinery Co.
315 E. Washington Blvd. (15)
RI 7-0158
431. Davis Co., C. R.
422 E. Third St. (13)
MA 8-3144
432. Davis Material Handling Co.
4891 Huntington Drive, North (32)
CA 3-7197
433. Dawson Co., R. S.
333 Glendale Blvd. (26)
DU 5-1471
434. Dayton & Bakewell, Inc.
1950 Lovelace Ave. (15)
RI 7-4151
435. De Laval Pacific Co., The
3370 E. Florence Ave. (58)
Huntington Park
LU 1-5340
436. Delco Products Div.
2014 E. 15th St. (21)
RI 9-7852
437. Del Mar Co., W. H.
3925 W. Slauson Ave. (43)
AX 3-4418
438. DeLuxe Metal Furniture Co.
712 S. Santa Fe
MA 2-0794
439. Denny, E. W.
P. O. Box 48 - 313 (48)
OL 2-6922
440. Detrex Chemical Industries, Inc.
3027 Fruitland Ave.
LU 8-9214
441. Detroit Designing & Engineering Co.
3001 E. 44th St. (58)
LU 1-0800
442. Detroit Mold Engineering Co.
3700 S. Main St. (7)
AD 3-8214
443. DeVilbiss Co., The
6811 E. Slauson Ave. (22)
RA 3-6307
444. DeWitt Tool & Equipment Co.
2847 E. 11th St. (23)
AN 2-8282
445. Diamond Tool Research Co., Inc.
220 W. Fifth St. (13)
446. Dick Ellis Co.
906 Venice Blvd. (15)
RI 7-5129
447. Dickson, Donald
643 S. Olive
MA 4-4777
448. Dickson Safety Products Co.
12921 W. Washington Blvd. (66)
449. Diehl Manufacturing Co.
806 S. Broadway (14)
MA 2-3942
450. Dietzgen Co., Eugene
P. O. Box 90097,
International Airport (45)
OR 8-3761
451. Diaston Div.
403 E. Washington Blvd. (15)
RI 7-5621
452. DoALL Western Co.
2801 E. Olympic Blvd. (23)
AN 3-7313
453. Dolliver and Brother
5108 E. Washington St. (21)
AN 8-3445
454. Dorsett & Jackson, Inc.
840 E. 60th St. (1)
AD 1-9251
455. Dorsey Gage Co., Inc.
456. Dow Chemical Co., The
900 Wilshire Blvd. (17)
MA 8-0111
457. Ducommun Metals & Supply Co.
P. O. Box 2117, Terminal Annex
4800 S. Alameda St. (54)
LU 8-0161
458. Duff, Inc., Gordon
2055 S. Sepulveda Blvd.
GR 7-1234
459. Dumont Industrial Screw Corp.
5820 Wilmington Ave. (1)
LU 5-2107
460. Dundas, N. F.
5550 Alhambra Ave. (32)
CA 1-4256
461. Dunn Co., E. B.
2217 S. Grand Ave. (7)
RI 8-1665
462. Durez Plastics Div. Sales Office
3350 Wilshire Blvd. (5)
DU 5-4404
463. Electric Corp. Of California
200 S. Mission Rd. (33)
AN 9-0111
464. Electric Motor Engineering, Inc.
8255 Beverly Blvd. (48)
WE 3-7591
465. Electric Steel Foundry Co.
6415 E. Corvette St. (22)
RA 3-8601
466. Ellison Machinery Co.
160 W. 33rd St. (7)
RI 9-5461
467. Empire Tool Co.
717 W. Olympic Blvd. (15)
MA 2-4184
- 467A. Enderle Hardware & Supply Co.
264 S. Main St.
468. Engen Industrial Co.
1049 W. Seventh St. (17)
SY 2-2604
469. Erb & Gray Scientific, Inc.
854 S. Figueroa St. (17)
MA 7-4401
470. Erico Products, Inc.
8839 Miner St.
LU 1-9922
471. Etico Tool & Machine Co., Inc.
4312 W. Pico Blvd. (19)
WE 8-2351
472. Eutectic Welding Alloys Co.
5348 Jillion St. (22)
AN 8-3451
473. Exact Weight Scale Co., The
1021 S. Massell Ave. (19)
WE 1-8487
474. Fafnir Bearing Co., The
2276 E. 16th St. (21)
LU 1-6171
475. Fairbanks, Morse & Co.
4535 Soto St. (58)
LU 7-8151
476. Farnco Machine Co.
2727 S. San Pedro St. (11)
AD 2-4261
477. Farnham Div.
1615 Westwood Blvd. (24)
GR 3-8544
478. Farrel-Birmingham, Inc.
2032 Santa Fe Ave. (21)
LU 5-3017
479. Federal Products Corp.
2273 W. Washington Blvd. (18)
RE 1-7215
480. Fellows Gear Shaper Co., The
6214 W. Manchester Ave. (45)
SP 6-0750
481. Fernholtz Machinery Co.
8468 Melrose Pl. (46)
OL 2-2360
482. Fiedler, Inc., C. O.
2221 E. 37th St. (58)
LU 3-2297
483. Field Tool Supply Co.
6551 Whittier Blvd. (22)
RA 3-1285
484. Fillmore & Graber
5960 S. Vermont Ave. (44)
485. Filter Supply & Service Co.
9709 Atlantic Ave. (22)
LO 7-2301
486. Firth Sterling, Inc.
2900 S. Vail Ave. (22)
RA 3-8736

SALES OFFICES

CALIFORNIA

LOS ANGELES (cont.)

487. Flamm, K. J.
1346 N. Highland Ave.
488. Fornaciari Co.
5350 E. Washington Blvd. (22)
AN 9-7590
489. Fralou Co., The
9610 Bellanca Ave. (45)
OR 8-1236
490. Frazier Wright Co.
2315 S. Hill St. (7)
RI 9-8191
491. Frey Industrial Supply Co.
3828 Santa Fe Ave. (58)
LU 8-4281
492. Gallien & Son, R. P.
220 W. Fifth St. (13)
493. Gardner-Denver Co.
7654 E. Slauson Ave. (22)
RA 3-8711
494. Garlinghouse, Fremont & Co.
6046 E. Washington Blvd. (23)
RA 3-8686
495. Garlock Packing Co., The
2303 E. Eighth St. (21)
MA 7-8448
496. Garrett Supply Co.
3844 S. Santa Fe Ave. (58)
LU 8-7221
497. General Electric Co.
212 N. Vignes St. (54)
MA 5-7381
498. General Petroleum Corp.
612 S. Flower St. (54)
499. General Radio Co.
1090 N. Seward St.
HO 9-6201
500. General Tool and Supply
417 S. Hill St. (13)
501. Genesys Corp.
10131 National Blvd. (34)
VE 7-5161
502. Geometric-Horton
4462 E. Olympic Blvd. (23)
AN 8-3131
503. Germain & Moore Machinery
3200 S. Garfield (22)
RA 3-7111
504. Gisholt Machine Co.
2620 Leonis Blvd. (58)
LU 1-8267
505. Given Machinery Co.
3855 Santa Fe Ave. (58)
KI 5146
506. Goebel, W. J.
225 W. 23rd St. (7)
RI 7-3545
507. Golden State Paint Corp.
4311 Degnan Blvd.
508. Goodwin Snader Co.
6814 S. Western Ave. (47)
PL 3-1553
509. Granger, A. F.
906 S. Oxford Ave. (6)
DU 3-7178
510. Great Western Steel Co., Inc.
1011 E. 61st St. (1)
AD 2-7251
511. Greenfield Tap & Die Corp.
4462 E. Olympic Blvd. (23)
AN 8-3131
512. Green-Penny Co.
4180 E. Noakes St. (23)
AN 8-3321
513. Greer Hydraulics Engineering Corp.
4474 E. Olympic Blvd. (23)
AN 8-3121
514. Guardian Safety Equipment Co.
7223 S. Main St. (3)
PL 3-9080
515. Hahn, Hallett & Willcutt Machinery Co.
3620 Santa Fe Ave. (58)
LU 3-6401
516. Hall Co. of California, C. P.
1540 E. Sixth St. (21)
517. Hammett, Edw. C.
846 E. Sixth St. (21)
TR 4450
518. Hannifin Co.
5827 W. Century Blvd. (45)
SP 6-1129
519. Hardinge Brothers, Inc.
4480 E. Olympic Blvd. (23)
AN 1-0103
520. Harman Pump Co.
1110 E. 14th St.
RI 8-5329
521. Harnischfeger Corp.
2400 E. Imperial Hwy. (59)
LO 8-7141
522. Harper & Reynolds Corp.
2425 Malt Ave. (54)
P. O. Box 2421, Terminal Annex
RA 3-5484
523. Harron, Rickard & McCone Co. of Southern California
3850 Santa Fe Ave. (58)
LU 2-8361
524. Harshaw Scientific Div.
3237 S. Garfield Ave. (22)
525. Hartnett, Daniel
643 S. Olive
MA 4-4777
526. Hasencamp, George
8402½ Lincoln Blvd. (45)
SP 6-1770
527. Hayjax Co.
436 Colyton St. (13)
MU 6279
528. Haynes Stellite Co.
2770 Leonis Blvd. (58)
LU 3-3061
529. Henger-Seltzer Co.
120 S. Hewitt St. (12)
MA 5-2631
530. Herrmann Co., Clarence F.
420 S. San Pedro St. (13)
531. Hassell, A. R.
1238 S. Atlantic (22)
AN 3-5587
532. Hickerson Supply Co.
3109 Venice Blvd. (19)
533. Hirschmann Co., Inc., Carl
5124 Pacific Blvd. (58)
534. Hodge Supply Co.
11537 Ruthelen Ave. (47)
PL 4-3792
535. Hoffman Hardware Co.
P. O. Box 2204, Terminal Annex
536. Hoffman & Heatt
P. O. Box 2403, Terminal Annex (54)
3005 S. Grand Ave. (15)
RI 8-5371
537. Hollis Jewell Co.
5422 W. Washington Blvd. (16)
WE 3-4775
538. Hoppe & Co., W. A.
P. O. Box 43593, Hyde Park Sta. (43)
AX 3-7855
539. Houghton & Co., E. F.
2445 E. 26th St. (58)
LU 2-5242, 43
540. Huck Manufacturing Co.
1237 W. Arbor Vitae (45)
P. O. Box 90575, Airport Sta.
OR 8-5581
541. Huddleston Equipment Co.
1148 S. Los Angeles St. (15)
542. Hughes Co., R. S.
4515 Alger St. (39)
CH 5-6621
543. Hughson & Merton
3209 Glendale Blvd. (39)
NO 3-3263
544. Hundley Co.
3282 Fletcher Dr. (65)
CL 5-7111
545. Hunter, Howard L.
11405 Montana Ave. (49)
GR 2-9229
546. Huseby Co., Inc., M. F.
2501 Yates Ave. (22)
RA 3-4529
547. Hyatt Co., John
6059½ E. Olympic Blvd. (22)
P. O. Box 22105
RA 3-6022
548. Hyster Co.
3425 S. Garfield Ave. (22)
RA 3-6255
549. IBM Corp.
3424 Wilshire Blvd. (5)
DU 2-7272
550. I-T-E Circuit Breaker Co.
1821 E. Seventh St. (21)
MA 2-7134
551. Imperial Conveyor & Engineering Co.
911 Santa Fe Ave.
552. Independent Foundry Supply
6463 E. Canning St. (22)
553. Industrial Compounds Co.
1010 San Fernando Rd. (65)
CA 1-2104
554. Industrial Controls Section
5636 Arbor Vitae
EX 6-2652
555. Industrial Models, Inc.
5415 York Blvd. (42)
556. Industrial Product Sales Co.
1417 Georgia St. (15)
557. Industrial Representatives, Inc.
1093 Buxton Ave. (24)
GR 7-4628
558. Ingersoll-Rand Co.
5533 W. Olympic Blvd. (22)
RA 3-0131
559. Instrument Laboratory, Inc.
1836 W. Florence Ave.
560. Insulation Supply Co.
779 E. Pico Blvd. (21)
RI 7-3272
561. Irving G. King Co.
821 Mateo St. (21)
TU 3176
562. Jamison Steel Co.
13039 S. Main St. (61)
FA 1-4151
563. Jarvis Corp. of California
415 E. Florence Ave.
PL 3-3555
564. Jenness Co., Don G.
3010 E. Olympic Blvd. (23)
AN 9-7378
565. Jessop Steel Co.
2975 Wilshire Blvd.
DU 5-8064
566. Johnson Bronze Co.
1818 S. Grand Ave. (15)
RI 8-6113
567. Johnson Co., Charles E.
4932 Rosewood Ave. (4)
568. Johnson, Robert
643 S. Oliver
MA 4-4777
569. Johnson & Forbes
8915 S. Avalon Blvd. (3)
570. Johnston Co., M. D.
464 E. Fourth St.
MA 8-5531
571. Jones Machinery Corp., Frank E.
1403-07 Santa Fe Ave. (21)
VA 9122
572. Jones & Laughlin Steel Corp.
2131 S. Garfield Ave. (22)
RA 3-9951
573. Kaiser Aluminum & Chemical Sales, Inc.
900 Wilshire Blvd. (17)
MA 8-4801
574. Keliher Hardware Co.
1501 E. Olympic Blvd. (21)
MA 4-7891
575. Kellwood Sales Co., Inc.
3316 Waverly Dr. (27)
NO 5-0140
576. Kennametal, Inc.
4585 Pacific Blvd. (58)
LU 3-2191
577. Key Co., E. A.
1947 S. Santa Fe Ave. (21)
MU 5237-30
578. Kingwell Bros., Ltd.
Box 58191, Vernon Station (58)
LU 2-7427
579. Kinney Co., James P.
3659 Whittier Blvd. (23)
AN 9-7411

CALIFORNIA

580. Klinger Co., The M. H.
9409 W. Pico Blvd. (35)
BR 2-0431
581. Komp Co., Kenneth B.
1515 E. Olympic Blvd. (23)
TR 2665
582. L & I Pacific, Inc.
3220 E. Olympic Blvd. (23)
AN 8-3304
583. Ladish Pacific Div.
3321 E. Slauson Ave. (58)
LO 8-4681
- 583A Latrobe Steel Co.
2919 S. Tanager Ave. (22)
584. Leeds & Northrup Co.
5111 Via Corona Ave. (22)
AN 9-3191
585. Leiner, Roy P.
10963 Roebbling Ave. (24)
GR 8-7432
586. Leland Electric Co., The
7046 Hollywood Blvd. (28)
HO 9-3639
587. Leland-Gifford Co.
2620 Leonis Blvd. (58)
LU 7-8877
588. Leser Co., J. W.
4408 W. Jefferson Blvd. (16)
RE 1-4173
589. Liberty Industrial Sales, Inc.
2010 E. Seventh St. (21)
MA 7-4037
590. Lincoln Electric Co., The
2661 S. Yates Ave. (22)
RA 3-7281
591. Linde Co.
2770 Leonis Blvd. (58)
LU 3-3061
592. Liquid Carbonic Corp., The
5700 S. Alameda St. (58)
593. Littlejohn Co., Fred G.
4312 W. Pico Blvd. (19)
WE 8-2351
594. Lord Manufacturing Co.
7046 Hollywood Blvd. (28)
HO 4-7593
595. Los Angeles Oil & Grease Co.
2313 Yates Ave. (22)
RA 3-1208
596. Los Angeles Stamp & Sta. Co.
1500 S. Los Angeles St. (15)
597. Los Angeles Stores Div.
3200 S. Garfield Ave. (22)
RA 3-7111
598. Lynn and Brooks
3655 Wilshire Blvd.
DU 2-2255
- 598A Lyon Metal Products, Inc.
3650 Union Pacific Ave. (23)
599. Machinery Sales Co.
2838 Leonis Blvd. (58)
P. O. Box 58362
LU 8-8111
600. Machinists' Tool & Supply Co.
2827 Supply Ave. (22)
RA 3-6731
601. Maddox Sales Co.
914 E. Third St. (13)
MI 2306
602. Magnaflex Corp.
2300 S. Garfield (22)
RA 3-8961
603. Maltby Co., The
1940 E. Figueroa St. (7)
RI 7-5611
604. Mantz Co., The
351 S. Atlantic Blvd. (22)
605. Mark-Costello Co., The
6511 Whittier Blvd. (22)
RA 3-4696
606. Marshall Tool & Supply Corp.
2850 E. Olympic Blvd. (23)
AN 3-6121
607. Martin Supply Co.
2106 S. San Pedro St. (11)
608. McKenzie Engineering Co., The
530 W. Sixth St. (14)
MA 2-4415
609. McKinley Equipment Corp.
1557 Esperanza St. (23)
AN 9-0567
610. Meikie, L. L.
2844 S. Grand Ave. (7)
RI 8-0151
611. Met-L-Chek Western
11919 S. Western Ave. (47)
PL 4-3656
612. Metallizing Co. of America, Inc.
849 E. Sixth St. (21)
MA 5-2471
613. Metallurgical Products Department
2106 W. Washington Blvd. (18)
RE 1-8286
614. Meusdorffer & Associates, R.
3491 Cahuenga Blvd., Suite 1 (28)
HO 2-6039
615. Meyer Sheet Metal Machinery Co.
1928-30 Santa Fe Ave. (21)
MA 2-1477
616. Michigan Abrasive Co.
2041 Davie Ave. (22)
RA 3-5500
617. Micromatic Hone Corp.
1535 Grande Vista (23)
AN 1-0369
618. Mid-West Abrasive Co.
1751 E. Slauson Ave.
619. Millers Falls Co.
5224 E. Wash. Blvd.
620. Milligan, Chet E.
4814 Loma Vista Ave. (58)
LU 8-9200
621. Milwaukee Electric Tool Corp.
2569 W. Olympic Blvd. (6)
DU 2-3000
622. Minarik Electric Co.
224 E. Third St.
MA 6-3255
623. Minder Chain & Gear Co., J. W.
6011 S. Central Ave. (1)
AD 3-7221
624. Mine & Mill Machine Co.
310 E. Third St.
MU 7090
625. Minnesota Mining & Manufacturing Co.
6023 S. Garfield Ave. (22)
RA 3-6641
626. Mitsubishi International Sales, Ltd.
606 S. Hill St.
627. Monarch Bearing Co., Inc.
4435 Santa Fe Ave. (58)
628. Moore & Co. Engineers, Inc., C. C.
1111 Wilshire Blvd. (17)
MA 6-6851
629. Moore Machinery Co. of Los Angeles
3200 S. Garfield Ave. (22)
RA 3-7111
630. Moore Products Co.
6214 W. Manchester Ave. (45)
SP 5-0260
631. Morgan Machinery Co., Inc.
2040 Santa Fe Ave. (21)
LU 5-0989
632. Morse Chain Co.
607 S. Hill St.
MA 2-0282
633. Mueller Brass Co.
3213 E. 44th St. (58)
LU 1-7207
634. Musto-Keenan Co.
1801 S. Soto St. (13)
635. Nash Co., A. W.
2112 S. Atlantic Blvd. (22)
AN 3-7304
636. National Screw & Manufacturing Co.
3423 S. Garfield Ave. (22)
RA 3-1381
637. Nelson Stud Welding
5402 Alhambra Ave. (32)
CA 2-8103
638. New Departure Div.
3650 S. Broadway (7)
AD 3-3101
639. New Jersey Zinc Co., The
4560 E. 50th St. (58)
640. New York Twist Drill Co., Inc.
3537 E. Olympic Blvd. (23)
AN 3-3948
641. Oakite Products, Inc.
1001 E. First St. (12)
MA 5-1544
642. Oetjen, H. William
Box 3519, Terminal Annex (54)
643. Ohio Knife Co., The
1412 Santa Fe Ave. (21)
MA 2-8785
644. Oilgear Co., The
5327 Santa Monica Blvd. (29)
HO 5-3943
645. Olsen Co., The
5341 Santa Monica Blvd. (29)
HO 7-4231
646. Olympic Machinery Co.
1961 Santa Fe Ave. (21)
647. Osborn Manufacturing Co., The
5411 Whittier Blvd. (22)
RA 3-4642
648. Osalid Branch Office
922 N. Vine St. (38)
HO 9-3921
649. P & W Machinery Co.
714 W. Olympic Blvd. (15)
RI 9-0602
650. Pacific Abrasive Supply Co.
2670 Leonis Blvd. (58)
P. O. Box 58291, Vernon Station
LU 3-4101
651. Pacific Bearings Co.
1210 S. Hope St. (15)
RI 9-6341
652. Pacific Combustion Engineering Co.
4832 Huntington Dr., South (32)
CA 5-1584
653. Pacific Factory Supply
4681 Hollywood Blvd. (27)
NO 1-5777
654. Pacific Metals Co., Ltd.
2187 S. Garfield Ave. (22)
RA 3-5431
655. Pacific Sales Associates
315 W. Ninth St. (14)
MA 2-0808
656. Pacific Scientific Co.
P.O. Box 22019 (22)
SP 3-2020
657. Patenbach & Co., C. A.
3220 E. Olympic Blvd. (23)
AN 8-3304
658. Peck-Lewis Corp.
4436 Long Beach Ave.
AD 3-7146
659. Peck Steel & Die Supply Co.
4436 Long Beach Ave. (58)
AD 4-9291
660. Percival Steel & Supply Co.
4600 Santa Fe Ave. (58)
JE 1151
661. Perlmuth Electronic Association
5057 Washington Blvd.
WE 1-1041
662. Peterson Co.
3000 S. Broadway (7)
RI 9-6151
663. Pioneer Tool & Supply Co.
2596 E. Eighth St. (23)
AN 9-7778
664. Piser & Walters Machinery Co.
714 W. Olympic Blvd. (15)
RI 9-0692
665. Poleas Co., Virgil P.
4504 Rodeo Rd. (8)
Box 8537, Crenshaw Sta.
AX 3-4571
666. Porter Co., Don
1117 S. Robertson Blvd. (35)
BR 2-4263
667. Porter-Cable Machine Co.
2400 S. Grand Ave.
RI 9-0386
668. Posen, Eric
7402 1/2 S. Western Ave. (47)
PL 8-8403
669. Poulsen Co., Fred C.
3709 Sunset Blvd. (26)
DU 2-1125
670. Pratt & Whitney Co., Inc.
3016 E. Olympic Blvd. (23)
AN 3-7506

SALES OFFICES

CALIFORNIA

LOS ANGELES (cont.)

671. Precision Grinding Wheel Co., Inc.
4802 Loma Vista Ave. (58)
LU 2-5577
672. Precision Tool Sales
6812 S. Western Ave. (47)
PL 3-3321
673. Premco, Inc.
5470 Valley Blvd. (32)
CA 2-0167
674. Priest, Jack
2808 Dunleer Pl. (64)
675. Priest, R. L.
2477 Sawtelle Blvd. (64)
BR 2-0960
676. Pump Engineering Co.
2011 S. Santa Fe Ave. (21)
MA 7-5662
677. Pur-Olator Products, Inc.
Studio 3, 3723 Wilshire Blvd.
678. Quality Control Co.
1566 N. Western Ave. (27)
HO 9-5385
679. Rawlins Brothers, Inc.
5858 S. Alameda St. (54)
LU 8-8231
680. Reed & Associates, W. E.
1016 S. Hill St. (15)
681. Reed-Prentice Div.
1213 N. Highland Ave.
HO 5-3349
682. Reeves Pulley Co.
2557 Yates Ave. (22)
RA 3-8454
683. Reliable Steel Supply Co.
740 E. 111th Pl. (59)
PL 6-8111
684. Reliance Electric and Engineering Co.
2557 Yates Ave. (22)
RA 3-8454
685. Reliance Magnesium Co.
2068 E. 37th St. (58)
AD 3-5278
686. Republic Steel Corp.
823 General Petroleum Bldg. (17)
MI 5144
687. Republic Supply Co. of California
2600 B. Eastland Ave. (54)
P. O. Box 2137 - Terminal Annex
RA 3-2511
688. Revere Copper and Brass, Inc.
P. O. Box 3246, Terminal Annex
6500 E. Slauson Ave. (54)
689. Reynolds Co., E. W.
315 W. Fifth St. (13)
690. Reynolds Metals Co.
3549 Wilshire Blvd.
DU 1-3511
691. Richter Engineering Co.
2311 E. Eighth St. (21)
MA 7-3469
692. Rising, Inc., H. G.
1515 N. Vermont Ave.
693. Rosevear Tool Sales
7728 Maie Ave. (1)
LU 2-3509
694. Rueger Co., The
1335 S. Hill St. (15)
RI 8-6371
695. Russell, Burdall & Ward Bolt and
Nut Co.
4466 Worth St. (25)
AN 2-2165
696. Ryerson & Son, Inc., Joseph T.
Box 3817 (54)
AN 2-6141
697. S.C.O. Tool Co.
3236 E. Olympic Blvd. (23)
P. O. Box 23611, Lugo Sta.
AN 8-2551
698. Sampson Motors
1930 W. 62nd St.
PL 2-2101
699. Sandvik Steel, Inc.
3338 S. Malt Ave. (22)
RA 3-9116
700. Scherr-Tumico Co.
3337-39 W. Olympic Blvd. (19)
RE 1-8777
701. Schramm, Inc.
846 E. Sixth St. (21)
MA 3-4177
702. Schumann Equipment Co.
5392 Alhambra Ave. (32)
CA 5-2468
703. Seakay Bros., Inc.
2311 Purdue Ave. (64)
BR 2-7871
704. Seaboard Machinery Co.
3212 E. Olympic Blvd. (23)
AN 3-4188
705. Selas Corp. of America
Suite 110 - 1901 W. Eighth St. (57)
DU 8-2391
706. Severance Tool, Inc.
1332 W. Slauson (44)
PL 3-1524
707. Shallway International Corp.
1301 N. Benton Wy. (26)
708. Sharon Steel Corp.
524 S. Spring St. (13)
709. Sheffield Western Corp.
2415 S. Broadway (7)
RI 8-5134
710. Shell Chemical Corp.
1008 W. Sixth St. (54)
MA 5-7341
711. Shell Oil Co.
1008 W. Sixth St. (54)
MA 5-7341
712. Simonds Abrasive Co.
9844 Rush St. (El Monte)
CU 3-8881
713. Simonds Pump Co.
455 E. Fourth St. (13)
714. Skandia Tool Sales
5880 Hollywood Blvd. (28)
HO 2-1133
715. Skandia Tool Sales Co.
2507 Olympic Blvd. (23)
AN 3-7479
716. Skill Corp.
2730 S. Broadway (7)
RI 8-1171
717. Slater Co., Paul B.
2505 S. Yates Ave.
RA 3-7251
718. Smallcomb Electric Co.
1120 S. Main St.
RI 7-0221
719. Smart Supply Co., Inc.
810 E. Washington Blvd. (21)
720. Smith, J. H.
2311 S. Eastern Ave.
721. Smith Co., Lombard
714 W. Olympic Blvd. (15)
RI 8-5345
722. Smith Booth Usher Co.
2001 Santa Fe Ave. (54)
MA 7-6911
723. Snap-On Tools Corp.
1717 W. Sixth St. (17)
DU 8-3445
724. Snyder Foundry Supply Co.
2444 E. 57th St. (58)
LU 5-1128
725. South Chester Corp.
115 W. Seventh St. (14)
MA 7-9703
726. Southern Agencies
923 E. Third St. (13)
MA 6-3297
727. Southwestern Machinery Co.
2019 E. Seventh St. (21)
728. Spence, Ed. M.
2720 S. San Pedro St. (11)
AD 2-4261
729. Sperry Products, Inc.
5258 E. Washington Blvd. (22)
AN 3-7722
730. Standard Diamond Tool Corp.
P. O. Box 46563
731. Standard Engineering Co.
115 E. 23rd St. (11)
RI 8-1159
732. Standard Oil Co. of California
605 W. Olympic Blvd.
MA 4-2711
733. Starrett Co., The L. S.
416 W. Eighth St.
MA 8-6050
734. Steele Co., W. H.
1612 W. Beverly Blvd. (26)
MA 4-3244
735. Sterling Electric Motors, Inc.
5401 Telegraph Rd. (22)
RA 3-6211
736. Stevens & Co., Dillon
1348 Venice Blvd. (6)
RI 7-9221
737. Sun Machinery Co.
1910 Santa Fe Ave.
TR 8171
738. Supreme Products Corp.
2010 E. Seventh St.
TR 4037
739. Swanton, Inc., Harold R.
325 W. 17th St. (15)
P. O. Box 15828
RI 9-8114
740. Sweet & Son, Ray R.
8413 W. Third St. (48)
WE 9-5882
741. Sweetland Co., E. D.
5403 Sheila St. (22)
RA 3-0117
742. Taylor, John C.
2820 Leonis Blvd. (58)
LU 9-3453
743. Tennity & Co., Inc.
1300 W. Eighth St. (17)
DU 8-3211
744. Texas Co., The
3350 Wilshire Blvd. (5)
DU 5-0515
745. Thackaberry, Inc., M. N.
1300 S. Soto St.
AN 8-3111
746. Thermal Engineering & Equipment
Co.
5469 San Fernando Rd., West
CH 5-3795
747. Thomas Machinery Co., Art
P. O. Box 58441 - Vernon Br.
2820 Leonis Blvd. (58)
LU 2-5372
748. Thompson Safety Equipment
4907 W. Pico Blvd. (19)
749. Thorson Co., The
7361 Melrose Ave. (46)
WE 4-1191
750. Timken Roller Bearing Co., The
2727 S. Flower St. (7)
RI 7-4141
751. Tivy, George S.
2230 W. 11th St. (6)
DU 7-1158
752. Tocco Div.
3404 E. Olympic Blvd. (23)
AN 2-5624
753. Tornquist Machinery Co.
3825 Santa Fe Ave. (58)
LU 9-5551
754. Torrington Co., The
4433 Crenshaw Blvd. (43)
AX 3-6129
755. Tri-State Supply Corp.
544 S. San Pedro St.
MU 2354
756. Tumico
3337 W. Olympic Blvd.
RE 1-8777
757. Tuthill, Richard
11828 Gorham Ave.
GR 3-1429
758. Uddeholm Co. of America, Inc.
5037 Telegraph Rd.
AN 2-5121
759. Ultralab Co.
6553 S. Vermont Ave. (44)
PL 3-9844
760. Union Carbide Plastics Co.
2770 Leonis Blvd. (58)
LU 3-3061
761. Union Hardware & Metal Co.
P. O. Box 3070, Terminal Annex
5555 Ferguson Dr.
RA 3-2411

CALIFORNIA

762. Union Twist Drill Co.
3675 E. Olympic Blvd. (23)
AN 2-2131
763. United Machine Tool Co. of California
2019 E. Seventh St. (21)
TR 1318
764. U. S. Electrical Motors, Inc.
200 E. Slauson Ave. (54)
AD 3-3131
765. U. S. Industrial Tools
5878 S. Main St. (3)
AD 1-4275
766. Universal-Cyclops Steel Corp.
7046 Hollywood Blvd. (28)
HO 4-9191
767. Valvoline Oil Co.
3600 Union Pacific Ave. (23)
AN 9-8201
768. Veeder-Root, Inc.
328 E. Washington Blvd. (15)
RI 9-2271
769. Victor Equipment Co.
3821 Santa Fe Ave. (11)
LU 5-1286
770. Viking Pump Co. of Los Angeles
4432 Long Beach Ave. (58)
AD 3-8165
771. Wach Sales Co., T. J.
1529 W. 95th St.
772. Wagner Hydraulic Equipment Co.
10814 Santa Monica Blvd. (25)
773. Wagner Machinery Co.
1228 Rio Vista Ave. (23)
AN 1-1191
774. Waldes Kohinoor, Inc.
423-427 E. 12th St.
RI 9-8271
775. Wallace Supplies Manufacturing Co.
5880 Hollywood Blvd. (28)
HO 4-3568
776. Warner & Swasey Co., The
3340 Leonis Blvd. (58)
LU 2-5341
777. Warren Co., C. W.
646 N. Fuller Ave. (36)
WE 4-2122
778. Warren & Bailey Co.
3528 S. Garfield Ave. (22)
RA 3-7181
779. Weirton Steel Co. Div.
3540 Wilshire Blvd. (5)
DU 5-3614
780. Welders Supply Co.
8655 S. Alameda St. (2)
781. Wesrep Corp.
2022 S. Sepulveda Blvd. (25)
GR 8-2780
782. Westco Pump Sales Co.
4621 Shelia St. (22)
AN 2-1155
783. Western Abrasive Supply Co.
3046 E. Olympic Blvd. (23)
AN 9-7205
784. Western Aircraft Supply Co.
10352 W. Olympic Blvd. (64)
785. Westinghouse Air Brake Co.
610 S. Main St. (14)
MA 4-9719
786. Westwood Engineering Co.
2234 Purdue Ave. (64)
GR 3-5618
787. Wetmore Tool & Engineering
5320 E. Washington Blvd. (22)
AN 9-7286
788. Wheel Truing Co. of California
5560 Alhambra Ave. (32)
CA 1-2602
789. Whitman & Barnes
5226 E. Washington Blvd. (22)
AN 8-3595
790. Wiley Welding Supply Co.
2410 W. Vernon Ave. (8)
AX 2-0341
791. Willard Engineering Co.
2709 S. Hill St. (7)
RI 7-0538
792. Williams & Co., J. H.
2266 E. 38th St. (58)
LU 3-2254
793. Williamson & Co., William K.
6715 Hollywood Blvd. (28)
HO 3-0963

794. Wills Machinery Co., W. T.
2720 E. Olympic Blvd. (23)
AN 3-6827
795. Wilshek, Robert
643 S. Olive
MA 4-4777
796. Wolf Machinery Co., W. F.
2910 Santa Fe Ave. (58)
LU 2-6236
797. Wolff Co., Mahlon
819 N. Hobart
HO 7-8577
798. Woodworkers Machine & Supply
3633 E. Olympic Blvd. (23)
799. Wooldridge Co., Wm. P.
6440 Fleet St. (22)
RA 3-6575
800. Wollensak Optical Co.
2401 S. Broadway (7)
801. Worthington Corp.
5075 Santa Fe Ave. (54)
P. O. Box 2078
802. Wright & Co., Norman S.
625 N. Alvarado St. (26)
DU 4-1274
803. Wright Holst Div.
6800 E. Acco St. (22)
804. Yales Sales
7155 Beverly Blvd.
WE 6-6444
805. Yale & Towne Manufacturing Co., The
5711 E. Olympic Blvd. (22)
RA 3-9761
806. Youst, Harlan A.
4197 Leimert Blvd. (8)
WE 3-2344
807. Zonne Industrial Tool Co.
2226 S. San Pedro (11)
RI 7-0561

LYNWOOD

808. Lafferty Co., J. W.
11371 S. Atlantic
NE 6-1828
809. Malloy, Daniel F.
11648 Atlantic Ave.
810. Owen & Associates, W. A.
10419 Long Beach Blvd.
LO 7-8887

MANHATTAN BEACH

811. Allen, T. H.
1818 Tenth St.
FR 2-8364
812. Huck Manufacturing Co.
927 Ninth St.
OS 6-4980

MARTINEZ

813. Weatherhead Co., The
216 Carolos Dr.
MU 5-1838

MAYWOOD

814. Bay City Bearing Co., Inc.
5275 Atlantic Blvd.
815. Bearings, Belts & Chains
4035 E. 52nd St.
816. Dick Co., R. & J.
5276 Atlantic Blvd.
LO 8-4014
817. Lockwood Sales Corp.
3654 E. Slauson Ave.
818. Maltby Co., Edward D.
4635 E. 52nd St.
LU 2-5394
819. Mission Tool & Supply Co.
4349-C E. Slauson Ave.
LU 8-0914
820. Parker Rust Proof Co.
3710 Fruitland Ave.
LU 7-3157
821. Paumier, Charles J.
4757 E. Slauson Ave.
LU 1-4614
822. Smith & Associates, Franklin E.
4349-C E. Slauson Ave.
823. Vanadium-Pacific Steel Co.
4019 E. 52nd St.
LU 5-0907

824. Vascology-Ramet Corp.
5027 Atlantic Blvd.
LU 2-6233
825. Waterbury Farrel Foundry & Machine Co., The
4757 E. Slauson Ave.
LU 1-4614

MENLO PARK

826. Ault Associates
906 Willow Rd.
DA 6-1760
827. Connolly, Wallace
180 Gabarda Wy.
828. Jacobs, Paul D.
59 Callie La.
DA 6-7823
829. Shiel Co., T. J.
1036 Sonoma Ave.
DA 2-7765

MIAMI

830. Ralley Milam, Inc.
425 N. W. First Court (31)

MILLBRAE

831. Fafnir Bearing Co., The
20 Rollins Rd.
OX 7-1244

MODESTO

832. Lift Truck Service Corp., Div.
319 Grand Ave.
LA 2-1886

MONROVIA

833. Carlson Rules Works
1617 S. California Ave.
EL 8-4563
834. Elgin National Watch Co.
365 Norumbega Dr.
RY 1-8127
835. Hoagland & Co.
839 Crescent Dr.
EL 8-1207
836. Lindman, S. F.
143 E. Foothill Blvd.
EL 9-3003
837. Taylor, J. R. (Russ)
1832 S. Eighth St.
DO 7-3130

MONTEBELLO

838. Dearborn Machinery Movers
1617 S. Greenwood
839. de Castro & Associates
1301 Olympic Blvd.
RA 3-9477
840. Hydraulic Equipment Co.
1208 S. Vall
HA 3-1139
841. Link-Belt Co.
1209 Sycamore St.
RA 3-9341
842. Machinists Tool & Supply Co.
2827 S. Maple St.
843. Metropolitan Supply Co.
1153 S. Greenwood Ave.
RA 3-9321
844. Wall Colmonoy Corp.
1565 Bluff Rd.
RA 3-6366

MONTEREY PARK

845. Lima Electric Motor Co., Inc., The
249 Kempton Pl.
CU 3-2943
- 845A. Nankervis Co., George L.
515 Kingsford
846. R & O Tool Co.
243 E. Pomona Blvd.
RA 3-1115

MOUNTAIN VIEW

847. Carborundum Co., The
Aviso Rd. & Evelyn Ave.
YO 7-5371

SALES OFFICES

CALIFORNIA

MOUNTAIN VIEW (cont.)

848. Pacific Abrasive & Supply Co.
Evelyn & Alviso Rd.
Box 187

NATIONAL CITY

849. Ducommun Metals & Supply Co.,
San Diego Div.
1306 Wilson Ave.
P. O. Box "L"
GR 7-2141

NEWPORT BEACH

850. Anocut Engineering Co.
2801 Bayshore Dr.
LI 8-6930
851. Newport Supply Co.
2700 W. Coast Hwy.
LI 8-9331

NORMANDY

852. Meusendorffer, R.
4625 Melrose Ave. (29)
NO 5-4193

NORTH HOLLYWOOD

853. Altman, Manny
12121 Tiara St.
ST 7-3530
854. Crane Packing Co.
11905 Sherman Wy.
PO 5-6436
855. Curtiss-Wright Corp.
11031 Van Owen St.
ST 7-8430
856. Day, Edward A.
11828 1/2 Riverside Dr.
PO 3-8133
857. Gartner, Jerry S.
P. O. Box 386
HR 2-2821
858. General Industrial Tool Co.
12517 Sherman Wy.
ST 7-0917
859. Lobert, A. J.
11467 Kittridge St.
860. Numatic Engineering
11224 Burbank Blvd.
ST 7-0114
861. Thompson, W. C.
8323 Riverton Ave.
PO 1-4969

NORTHRIDGE

862. Honings, P. V.
18033 Sunburst St.
DI 2-8532

NORTH SACRAMENTO

863. Industrial & Abrasive Supply Co.
1011 Del Paso Blvd. (15)
WA 5-1995
864. Western Asbestos Co.
230 Acoma St.
WA 2-4714

NORWALK

865. Ipsen Industries, Inc.
14865 Firestone Blvd.
LA 2-2831
866. Whiting Corp.
14420 S. Bloomfield Ave.
UN 4-2778

OKLAND

867. American Pulley Co.
800 51st Ave. (1)
AN 1-9681
868. Athol Machine & Foundry Co.
2600 West St. (12)
HI 4-3543
869. Balance Engineering Co.
718 Derby Ave. (1)
KE 3-5812
870. Bearing Engineering Co.
1019 Harrison St. (7)
TW 3-2251
871. Bearing Industries, Inc.
181 Tenth St.
872. Boston Gear Works Branch
4770 San Pablo Ave.
OL 4-4687
873. Brundage Co., Ben W.
4390 Piedmont Ave. (11)
OL 3-2882
874. Buehrer Associates, E. C.
253 Fourth St. (7)
TE 6-2082
875. Bues Production Equipment Co.
1416 46th Ave. (1)
KE 6-1181
876. Chilton Co., C. A.
3871 Piedmont Ave. (11)
OL 5-1976
877. Chubco
555 High St. (1)
KE 2-7392
878. Coast Tool Co.
6048 College Ave. (18)
OL 5-4337
879. Colson Equipment & Supply Co.
350 Tenth St. (7)
TE 2-3556
880. Cornish, J. M.
400 Perkins St., Apt. 202
GL 2-4303
881. Culver & Culver
555 Fifth Ave. (6)
HI 4-5128
882. Curtis & Sons, L. N.
5806-10-12 College Ave. (18)
OL 5-5111
883. Dawn Associates
5818 Vallejo St. (8)
LO 8-3542
884. Delco Products Div.
1250 53rd St. (8)
OL 5-5731
885. Delta Equipment Co., The
2601 San Pablo Ave. (12)
TE 2-6878
886. Dependable Machinery Co.
1011 Harrison St. (7)
887. Ditzen Engineering & Sales
6002 Telegraph Ave. (9)
OL 3-8262
888. Frazer, F. R.
301 Taurus Ave. (11)
889. General Electric Co.
409 13th St. (12)
TW 3-0286
890. General Machinery Supply Co.
1680 14th St. (7)
TW 3-1828
891. Green, Leland E.
600 16th St. (12)
TE 6-1880
892. Handy & Harman
600 16th St. (12)
TE 6-6596
893. Haven Machinery & Supply Co.
950 E. 14th St. (6)
TE 4-9110
894. Heidt Equipment Co.
1600 E. 12th St. (6)
895. Heieck & Moran Oakland
P. O. Box 4636, Bayshore Sta. (23)
896. Holman, Dean
1107 E. 14th St. (6)
GL 2-0236
897. Huckle, Don
25 Crocker Ave. (11)
OL 5-2008
898. Hyatt Bearings Div.
436 14th St., Central Bank Bldg. (12)
899. Idaco Equipment Co.
3206 Peralta St.
900. Industrial Foundry Supply
250 Union St. (7)
GL 2-1226
901. Johnson Bronze Co.
3101 Adeline St. (8)
OL 5-4500
902. Kaiser Aluminum & Chemical Sales,
Inc.
360 22nd St. (12)
CR 1-2211

903. Kerns Pacific Corp.
3871 Piedmont Ave. (11)
OL 3-6232
904. Key Equipment Co.
6323 San Pablo Ave. (8)
OL 3-2100
905. Kupper & Associates, Frank Y.
1550 14th Ave. (6)
906. Kushman Co., Geo. A.
2003 E. 14th St. (4)
KE 2-0690
907. Le Roi Div.
428 13th St. (12)
TE 2-2842
908. Lewis Associates, Dean
4385 Piedmont Ave.
OL 4-0613
909. Lifton, Inc.
6601 San Leandro St.
910. Linney Co., H. E.
5801 College Ave. (18)
OL 3-3161
911. Liquid Carbonic Corp., The
2857 Ettie St. (8)
912. Marathon Electric Manufacturing
Corp.
610 16th St., Rm. 523 (12)
TE 4-5747
913. Master Pneumatic Tool Co., Inc.
1107 E. 14th St. (6)
GL 2-0236
914. Mechanics Tool & Supply
479 Third St. (12)
GL 2-4809
915. Metallizing Co. of America, Inc.
1624 Franklin St. (12)
GL 1-6765
916. Midcoast Machine Tool, Inc.
1043 W. MacArthur Blvd. (8)
OL 4-3617
917. New Jersey Zinc Co., The
95 Market St.
918. Oakland Plumbing Supply Co.
309 Fourth St. at Harrison (7)
919. Ohio Knife Co., The
890 16th St.
GL 1-1174
920. Otrich Co.
3664 Grand Ave. (10)
TE 2-3781
921. Pacific Graphite Co., Inc.
40th and Linden Sts. (8)
PI 5-3300
922. Pacific Tool & Supply Co.
251-261 Eighth St. (7)
TE 2-3240
923. Parsons Co., The Edward L.
600 16th St. (12)
TW 3-1577
924. Reuland Electric Co.
1240 E. 12th St.
KE 4-2233
925. Ricker Machinery Co.
302 Fourth St. (7)
TW 3-3690
926. Rowney Machinery Co.
600 16th St. (12)
927. Rucker Co., The
4700 San Pablo Ave. (8)
OL 3-3221
928. Schramm, Inc.
16th Jefferson Sts. (12)
HI 4-3982
929. Shields, Harper & Co.
5107 Broadway (11)
930. Simon Hardware Co.
800-824 Broadway (7)
931. Sinclair-Collins Valve Co.
3871 Piedmont Ave. (11)
OL 5-1553
932. Smith Co., Claude B.
844 E. 12th St. (6)
TE 2-0103
933. Snap-on Tools Corp.
2605 Market St. (7)
HI 4-5986
934. T-G Forklift Sales Co.
699 Fourth St. (7)
935. Valvair Corp.
3871 Piedmont Ave. (11)
OL 5-1553

CALIFORNIA

936. Western Asbestos Co.
251 Fifth Ave. (6)
937. Western Electro-Mechanical Co., Inc.
300 Broadway (7)
TE 2-8653
938. Western Tool & Supply Co.
4541 Oakport St. (1)
KE 3-4686

ONTARIO

939. Schuck, R. E.
1205 E. Fourth St.
YU 6-4925
940. Valley Industrial Supply Co.
1170 W. Holt St.
YU 6-3827

ORANGE

941. Kerns Pacific Corp.
630 N. Batavia St.
KE 6-9621

ORINDA

942. Andersen, R. E.
18 Francisco Ct.
DR 6-5086
943. Thurston, George H.
One Estates Ct.
CL 4-5411

OXNARD

944. Coast Tools, Inc.
749 S. Oxnard Blvd.

PACIFIC PALISADES

945. Brown, C. Ed.
P. O. Box 198
946. Tubular Rivet & Stud Co.
401 Via de La Paz
GL 4-7272

PACOIMA

947. Tool Standards Co.
9651 HadCon Ave.

PALO ALTO

948. Airsupply Co.
230 Town and Country Village
DA 3-9004
949. Consolidated Electrodynamics Corp.
815 Fabian Wy.
950. Corliss, John L.
1815 Hamilton Ave.
DA 5-6014
951. Doot & Co., D. J.
877 Lincoln Ave.
DA 5-2246
952. Eilenje' Co., The
345 California Ave.
DA 6-1653
953. Herrmann Associates, Carl
Box 1179
DA 3-2793
954. Hughes Co., R. S.
564 College Ave.
DA 6-2922
955. Kesterson, Thos. H.
3429 Indiana Dr.
DA 4-3896
956. Lease, John H.
P. O. Box 246, Station A
VA 6-2122
957. Rensen Machinery & Tooling Co.
2551 Emmett Wy.
DA 3-4798
958. Rudat & Ewing
1477 Danan Ave.
DA 2-5232

PARAMOUNT

959. American Brass Co., The
14900 Garfield Ave.

PASADENA

960. Acheson Colloids Co.
2736 E. Walnut St.
RY 1-7819
961. Alford, Theodore
Suite 204, 116 S. Euclid Ave. (1)
RY 1-7145-46

962. Brenner Co.
35 N. Raymond Ave. (1)
RY 1-8322
963. Carkeek Engineering Co.
285 S. Euclid Ave.
RY 1-5413
964. Chicago Rawhide Manufacturing Co.
490 E. Walnut
RY 1-7693
965. Daih Gage & Supply Co.
1143-1145 S. Fair Oaks Ave.
RY 1-2828
966. Foothill Tool & Machinery
2308 E. Colorado St. (8)
RY 1-8926
967. Heat Treating Supply Co.
359 Del Monte St.
968. Heinze Co., A. G.
2807 E. Foothill Blvd. (1)
RY 1-7474
969. Kipp Co., S. M.
P. O. Box 441 (18)
SY 4-2110
970. La Salle Steel Co.
15 N. Euclid Ave. (1)
RY 1-7755
971. Lloyd Tool Corp.
244 W. Colorado Blvd.
972. Mac-It Paris Co.
35 N. Raymond Ave. (1)
973. Millar, Walter W.
396 Virginia Ave. (10)
SY 2-1863
974. Mulvin, George B.
1220 E. Green St. (1)
RY 1-6774
975. Natural Gas Equipment, Inc.
904 S. Fair Oaks Ave. (2)
RY 1-9021
976. Pangborn Corp.
595 E. Colorado St. (1)
RY 1-6715
977. Pannell, Geo. L.
296 Grant St. (5)
978. Precision Machinery Sales
29-31 E. Holly St. (18)
RY 1-6414
979. Resch, Frank A.
439 Lola Ave. (7)
980. Seal-Peel, Inc.
85 W. Union St.
RY 1-7828
981. Specifac Co.
555 E. Walnut St. (1)
RY 1-8830
982. Stokes Corp., F. J.
15 N. Euclid Ave.
RY 1-8619
983. Sweetland Co., E. D.
954 N. Fair Oaks Ave.
984. Thackaberry, Inc., M. N.
1670 E. Walnut St. (4)
SY 3-2149
- 984A Vard, Inc.
2981 E. Colorado St. (8)
985. Western Coating Co.
85 W. Union St.
RY 1-7828
986. Wheelabrator Corp.
2602 E. Foothill Blvd.
RY 1-4841

PICO

987. Dixon, Benton A.
5304 S. Los Toros Ave.
OX 9-6053

PIEDMONT

988. Wells, C. R.
9 Parkside Dr. (11)

PLAYA DEL REY

989. Stark, Harold
7515 Rindge
EX 1-4767

POMONA

990. Metal Cutting Tool & Supply
443 E. Fifth Ave.
LV 9-5910

REDDING

991. Cascade Industrial Supply, Inc.
Rt. #2, Box 5128, Hwy. 99 South
CH 1-1262
992. Gerlinger Steel Supply Co.
1527 Sacramento St.
993. Moty & Van Dyke, Inc.
P. O. Box 859

REDONDO BEACH

994. Gardner, D. H.
1723 Camino De LaCosta
FR 8-5460

REDWOOD CITY

995. Acme Machine Co., Inc.
Industrial Wy. and "D" St.
EM 6-8227
996. Brush Instruments
61 Renato Ct.
EM 9-5581
997. Machlett Laboratories, Inc.
3881 El Camino Real
EM 8-8871
998. Maes, William C.
1743 Maryland Ave.
EM 6-1210
999. Marshall Co., G. S.
2015 El Camino Real
1000. Riley Precision Tool Co.
690 Broadway
EM 8-4154
1001. Santa Clara Metalcrafts
3012 Spring St.
EM 8-9033

RIALTO

1002. Braun Co., Robert H.
P. O. Box 306
1762 S. Sycamore

RICHMOND

1003. Aaron Machinery Co., Inc.
733 S. Tenth St.
LA 6-4572

RIVERA

1004. Rutland Tool Co.
9048 Washington Blvd.
RA 3-7074

RIVERSIDE

1005. Albrights
3889 Eighth St.
1006. Ken's Tool & Supply Co.
1631 La Cadena Dr.

ROSEMEAD

1007. Mallory & Co., Inc., P. R.
9121 E. Garvey Ave.
CU 3-7991

SACRAMENTO

1008. Airborne Instruments Laboratory
P. O. Box 1462
1331 "T" St. (14)
GI 2-2351
1009. Brunner & Lay of Los Angeles, Inc.
7500 14th Ave.
GL 7-8522
1010. Capital Machine & Welding Works
83 N. 17th St.
1011. Detrex Chemical Industries, Inc.
P. O. Box 251
GI 3-1736
1012. General Electric Co.
626 Forum Bldg. (14)
GI 3-1788
1013. Haven Machinery & Supply Co.
2031 "J" St.
GI 3-2903
1014. Heieck & Moran Sacramento
20th & "V" Sts.
1015. Industrial & Abrasive Supply Co.
515 12th St. (14)
IV 9-2134

SALES OFFICES

CALIFORNIA

SACRAMENTO (cont.)

- 1016. Moore's Welding Supply Co.
1117 "G" St. (14)
- 1017. Murray Industrial Supply Co.
801 "T" St. (14)
P. O. Box 2588
GI 3-1985
- 1018. Reeves Pulley Co.
2123 "J" St.
GI 8-1682
- 1019. Reliance Electric & Engineering Co.
2123 "J" St.
GI 8-1682
- 1020. Rolfe Equipment Co., J. R.
3200 "J" St.
- 1021. Sacramento Machinery Co.
2000 Capitol Ave. (14)
- 1022. Sacramento Rubber Co.
721-23 "J" St.
GI 2-3847
- 1023. Shell Oil Co.
1024 13th St. (14)
GI 3-9061
- 1024. Slakey Brothers Sacramento
P. O. Box 1048
- 1025. Standard Oil Co. of California
909 12th St.
GI 3-1751
- 1026. Thomson-Diggs Co., The
1801 Second St.
- 1027. U. S. Electrical Motors, Inc.
P. O. Box 1673 (8)
HI 6-6556
- 1028. Victor Equipment Co.
1315 21st St.
- 1029. Wright & Co., Norman S.
1102 "T" St.
GI 1-3798
- 1030. Yordy Industrial Supply Co.
200 27th St. (16)
HI 6-7555

1031-1036 See Santa Anna

SAN BERNARDINO

- 1536. Cox Welding Supplies, Ted
175 S. Arrowhead
- 1537. General Electric Co.
P. O. Box 127, Rialto
337 N. Riverside Ave.
TR 5-6011
- 1538. W. K. Equipment Co.
275 S. "E" St.

SAN CARLOS

- 1037. Dalton, Associates, C. R.
132 El Camino Real
LY 1-2654
- 1038. Doot & Co., D. J.
907 American St.
- 1039. Guy, Ben F.
P. O. Box 652
LY 1-1314
- 1040. Hill Co., J. T.
1682 Laurel St.
LY 3-7693
- 1041. Huber Machine Co.
1013 Center St.
LY 3-4328
- 1042. Tools & Gages, Inc.
915-D Terminal Wy.
LY 1-5383

SAN DIEGO

- 1043. A & C Engineering Co., Inc.
2636 Balboa Vista Dr.
CO 4-0107
- 1044. Acme Tool & Supply
2745 Kettner Blvd. (1)
CY 8-7181
- 1045. Adroit Tool & Supply Co.
3304 30th St. (4)
CY 8-6195
- 1046. Aero Tool Service & Sales
3432 Midway Dr.
AC 3-1661
- 1047. Aeroweld Supply Co.
3691 Couta St. (1)
- 1048. Airsupply Co.
P. O. Box 6296 (6)

- 1049. Allis-Chalmers Manufacturing Co.
747 Ninth Ave. (1)
BE 4-4684
- 1050. Aviation Lubricants Co.
2361 India St. (12)
P. O. Box 1607
BE 9-5155
- 1051. Aztec Bearings, Chains, Inc.
745 15th St.
- 1052. Bailey Equipment Co.
3856 California St. (1)
CY 5-5141
- 1053. Bellows Co., The
3694 Kettner Blvd.
CY 8-7223
- 1054. Braun Co., Robert H.
2208 Imperial
- 1055. Braun Chemical Co.
1745 Imperial Ave. (2)
- 1056. Bridgeport Brass Co.
Rm. 505, 1122 Fourth Ave. (1)
- 1057. Brookes Co., Inc., E. Jordan
3564 39th St.
CY 5-2161
- 1058. Bulav, Martin E.
2920 Clairemont Dr. (10)
BR 6-5584
- 1059. Cashin-Tipton & Associates
3270 Rosecrans St. (10)
AC 2-0408
- 1060. Cashin-Tipton and Associates
3694 Kettner Blvd. (1)
CY 8-7223
- 1061. Cole Co., Walter T.
1205 Cushman Ave. (1)
CY 7-1790
- 1062. Consolidated Electrodynamics Corp.
3266 Rosecrans St.
- 1063. Cox Machinist Tools Co.
2516 State St. (1)
BE 9-8822
- 1064. DoALL San Diego Co.
3684 Kettner Blvd. (1)
CY 5-2145
- 1065. Equipment Engineering Co.
1470 India St. (1)
- 1066. General Electric Co.
1240 Seventh Ave. (1)
BE 3-6461
- 1067. Germain Machinery Co.
3525 Fifth Ave. (3)
CY 5-9377
- 1068. Given Machinery Co.
1667 National Ave.
BE 4-2910
- 1069. Gould Hardware & Machinery Co.
2212 Main St. (13)
BE 2-6174
- 1070. Hammond Machinery & Supply Co.
3033 India St. (12)
P. O. Box 1769
CY 8-6155
- 1071. Harron, Rickard & McCone Co. of
Southern California
3445 Fifth Ave. (3)
CY 8-2443
- 1072. Hill Co., J. T.
1864 Bacon St.
AC 3-7133
- 1073. Hoffer Engineering Co.
1115 "F" St. (1)
BE 4-6767
- 1074. Industries Supply Co. of San Diego
P. O. Box 2310
Fourth Ave. & "J" St.
BE 9-0371
- 1075. Irving G. King and Co.
1646 India St.
- 1076. Linde Co.
1004 Morena Blvd. (10)
CY 8-8388
- 1077. Maltby Co., Edward D.
745 15th St. (2)
BE 3-7278
- 1078. Marshall Co., G. S.
3525 Fifth Ave. (3)
CY 8-8234
- 1079. Metal Cutting Tool & Supply Co.
2975 Upas St. (4)
CY 5-5409

- 1080. Mission Pipe & Supply Co.
Box 2791 (12)
BE 3-6633
- 1081. Moore Machinery Co.
3525 Fifth Ave. (3)
CY 5-9377
- 1082. Oil Filter Service
2405 E. Harbor Dr.
- 1083. Ozalid Branch Office
Bank of America Bldg., Broadway
BE 9-8556
- 1084. Pacific Metals Co., Ltd.
1533 India St. (1)
BE 4-3255
- 1085. Pacific Scientific Co.
339 W. Broadway
Suite 440
- 1086. Parsons Co., G. S.
3211 India St. (1)
- 1087. Prentiss Cleaves Co.
3694 Kettner Blvd. (1)
CY 8-7223
- 1088. Production Tools, Inc.
1435 Imperial Ave. (12)
P. O. Box 422
BE 3-5127
- 1089. R & D Tool Supply Co.
840 Ventura Blvd. (8)
HU 8-0647
- 1090. Reynolds Metals Co.
3443 Fifth Ave. (1)
Phone: 8-6655
- 1091. S.C.O. Tool Co.
1233 28th St. (2)
- 1092. Service Industrial Supply
4118 University Ave. (3)
AT 1-8135
- 1093. Setchell, James A.
301 W. "G" St. (1)
BE 3-3981
- 1094. Sheffield Western Corp., The
3694 Kettner Blvd. (1)
CY 8-7223
- 1095. Standard Iron Supply
P. O. Box 9 (12)
BE 2-1013
- 1096. Swanton, Inc., Harold R.
1676 Main St. (12)
P. O. Box 1709
BE 3-6629
- 1097. Victor Equipment Co.
2711 Kittner Blvd.
CY 6-6372
- 1098. Westerlund & Lange
1432 Union St. (1)
- 1099. Western Metal Supply Co.
215 7th St. (12)
BE 3-3111
- 1100. Winn Supply Co.
1676 Main St. (12)
P. O. Box 1709
- 1101. Yale & Towne Manufacturing Co.,
The
4410 Kearney Mesa Rd. (11)
BR 7-4222

SAN FERNANDO

- 1539. Parker & Son, H. M.
215 Chatsworth Dr.

SAN FRANCISCO

- 1101A. Acme Equipment Co.
801 Minnesota St. (7)
VA 4-5700
- 1102. Acme Steel Co.
750 Second St. (7)
GA 1-7582
- 1103. Aero Service Corp.
68 Post St.
- 1104. Airborne Instruments Lab.
2130 Third St. (7)
HE 1-3835
- 1105. Air Reduction Pacific Co.
220 Bush St.
SU 1-3481
- 1106. Alemite Co.
124 S. Airport Boulevard
- 1107. Alert Supply Co.
923 Harrison St. (7)
SU 1-4563

CALIFORNIA

1108. Allegheny Ludlum Steel Corp.
36 Berry St. (7)
GA 1-1804
1109. Allen Manufacturing Co.
1485 Bayshore Blvd. (24)
GA 1-1804
1110. Allis-Chalmers Manufacturing Co.
450 Harrison St. (7)
DO 2-8384
1111. Aluminum Co. of America
2509 Equitable Life Bldg. (4)
YU 6-6484
1112. American Brass Co., The
120 Montgomery St. (4)
1113. American Instrument Co., Inc.
1485 Bay Shore Blvd.
JU 7-1689
1114. American Optical Co.
25 Kearny St.
SU 1-4363
1115. Anderson Steel Products
540 Brannan St.
GA 1-6683
1116. Arrow-Hart & Hegeman Electric Co.,
The
277 Pennsylvania Ave., (7)
MA 1-2112
1117. Atkinson Co., Ralph W.
655 Folsom St. (7)
YU 2-5188
1118. B-H-S Machinery Sales Co.
717 Alport Blvd.
PL 5-4466
1119. Babcock Co., C. B.
1485 Bayshore Blvd. (24)
JU 6-3646
1120. Bacon Co., Edward R.
Folsom at 17th St. (10)
HE 1-3700
1121. Baker & Hamilton
700 Seventh St. (19)
HE 1-2600
1122. Baker, H. S.
24 California St.
YU 2-3186
1123. Baker Co., James S.
311 California St. (4)
EX 2-2288
1124. Baldassari, Caesar
420 Market St. (11)
EX 1-1303
1125. Baldwin Lima Hamilton Corp.
2929 19th St. (10)
MI 7-6781
1126. Barauk, Alfred H.
50 Hawthorne Ave. (5)
YU 2-7292
1127. Barksdale Co.
278 Upper Ter.
JU 3-0162
1128. Bausch & Lomb Optical Co.
20 Jones St. (2)
UN 3-1586
1129. Bay Cities Marine & Ind.
747 Head St.
YU 2-0151
1130. Bearing Distributing Co.
88 Ninth St. (3)
HE 1-9248
1131. Bearing Engineering Co.
1547 Mission St. (3)
HE 1-1500
1132. Bearing Industries, Inc.
266 Bayshore Blvd.
AT 8-0851
1133. Bearing Specialty Co.
128 Texas St. (7)
1134. Behr-Manning Co.
1001 16th St. (7)
UN 3-7730-3
1135. Bergdahl Associates
1485 Bayshore Blvd. (24)
JU 7-1281
1136. Besore & Associates, Jay
380 Bayshore Blvd.
MI 8-4860
1137. Big Joe of California
48 Second St. (5)
YU 2-9720
1138. Black & Decker Manufacturing Co.,
The
4343 Third St. (24)
1139. Boone, P. B.
630 Darien Wy.
DE 4-0388
1140. Boswell, C. W.
1139 Mission St. (5)
HE 1-3435
1141. Bowser, Inc.
468 Ninth St. (3)
UN 1-0836
1142. Boyd Co., A. B.
1235 Howard St.
UN 1-2850
1143. Braun-Knecht-Heimann Co.
1400 16th St. (19)
1144. Brennan-Hamilton Co.
187 Utah Ave.
VA 4-9720
1145. Bridgeport Brass Co.
130 Potrero Ave. (3)
1146. Bristol Co., The
40 Berry St. (7)
GA 1-5462
1147. Brookes Co., Inc., E. Jordan
571 Howard St.
YU 6-2974
1148. Brooks Equipment Co.
636 Potrero Ave. (10)
VA 4-8223
1149. Brown Co., J. J.
420 Market St. (11)
SU 1-2886
1150. Browning Co., E. S.
1515 Third St. (7)
1151. Bulotti Machinery Co.
475 Fourth St. (7)
SU 1-1004
1152. Bunting Brass & Bronze
277 7th St. (3)
UN 1-5044
1153. Burke Co., The
2360 San Bruno Ave. (24)
DE 3-5500
1154. Butcher Co., L. H.
15th and Vermont Sts.
MA 1-4210
1155. Cady Co., J. F.
1485 Bayshore Blvd.
JU 5-4108
1156. California Instrument Co.
351 Tenth St. (3)
UN 3-0350
1157. California Welding & Equipment Co.
432 Bryant St. (7)
1158. Calpacific Equipment Co.
50 Hawthorne St. (5)
1159. Campbell & George Co.
1601 Cortland Ave. (10)
MI 8-1256
1160. Capewell Manufacturing Co., The
889 Bryant St.
1161. Card Division, S. W.
550 Barneveld Ave. (24)
AT 2-7553
1162. Carr Co., Walter R.
934 Howard St. (3)
YU 6-6505
1163. Carrier Corp.
900 Tennessee St. (7)
VA 4-1587
1164. Cassimus Co.
651 Folsom St. (7)
GA 1-5941
1165. Century Electric Co.
581 Market St. (5)
SU 1-2070
1166. Chicago Pneumatic Tool Co.
855 Bryant St. (3)
HE 1-7928
1167. Chisholm-Moore Hoist Div.
320 Tenth St. (3)
UN 1-5255
1168. Cleveland Tramrail California Co.
870 Market St. (2)
EX 7-0737
1169. Cleveland Twist Drill Co., The
650 Howard St. (5)
DO 2-4185
1170. Coast Pipe & Supply Co.
479 Bayshore Blvd. (24)
1171. Colson Equipment & Supply Co.
544 Second St.
GA 1-0286
1172. Condon & Co.
753 Bryant St.
1173. Crown Chemical & Engineering Co.
2160 Palou Ave. (24)
1174. Crucible Steel Co.
2050 Bryant St. (10)
AT 2-8011
1175. Dalziel Plumbing Supplies
2741 16th St. (3)
1176. Dansereau, Henry
561 Buckingham Wy. (27)
MO 4-3531
1177. Darling Abrasive & Tool Co.
2186 Palou Ave. (24)
AT 8-6474
1178. Decker Corp., The
3522 Geary Blvd. (18)
SK 2-0846
1179. DeLaval Pacific Co., The
201 E. Millbrae Ave.
OX 7-4001
1180. Dick Co., R. & J.
510 Bryant St.
1181. Dietzgen Co., Eugene
521 Market St. (5)
GA 1-7550
1182. Diston Div.
550 Beale St.
YU 2-9787
1183. Diverser Corp., The
525 Market St.
GA 1-6715
1184. DoALL San Francisco Co.
952 Howard St. (3)
GA 1-4784
1185. Dodge Manufacturing Corp.
55 New Montgomery St. (5)
DO 2-8434
1186. Doldge Machinery Co., E. C.
522 Sixth St. (3)
1187. Dolliver and Brother
619 Mission St.
GA 1-1426
1188. Dow Chemical Co., The
350 Sansome St. (4)
GA 1-8323
1189. Duff-Norton Co.
1016 Howard St.
HE 1-4756
1190. Dunham Carrigan & Hayden Co.
P. O. Box 3024 (19)
UN 1-3400
1191. Elder & Co.
333 Seventh St. (3)
UN 1-5480
1192. Enterprise Commercial Co.
20 Pacific Ave. (11)
EX 7-0618
1193. Eshhart, D. D.
100 Bucarelli Dr. (27)
JU 5-7025
1194. Everley Co., Paul S.
550 Ninth St. (3)
HE 1-2295-6
1195. Exact Weight Scale Co., The
236 Fremont St. (5)
GA 1-7007
1196. Fairbanks, Morse & Co.
630 Third St. (7)
EX 2-5856
1197. Federal Pipe & Supply Co.
670 Second St.
1198. Fletcher Co., Joseph C.
778 Brannan St. (3)
UN 1-2901
1199. Fowler Co., Charles A.
979 Bryant St.
1200. Frazer & Hansen, Ltd.
301 Clay St. (11)
EX 2-5112
1201. Fry, Edwin L.
420 Market St.
DO 2-2515
1202. Gardner-Denver Co.
811 Folsom (7)
EX 2-8747
1203. Garlock Packing Co., The
750 18th St. (7)
HE 1-0370

SALES OFFICES

CALIFORNIA

SAN FRANCISCO (cont.)

1204. Given Machinery Co.
1401 Third St. (7)
DO 2-9113
1205. Glesener Co., The A. J.
975 Bryant St. (3)
HE 1-6900
1206. Harnischfeger Corp.
100 Bush St.
DO 2-2313
1207. Harron, Rickard & McCone Co.
2070 Bryant St. (10)
AT 2-2202
1208. Haskel Engineering & Supply
225 11th St. (3)
UN 3-1489
1209. Haven Machinery & Supply Co.
1072 Howard St. (3)
HE 1-6212
1210. Haynes Stellite Co.
22 Battery St. (6)
YU 2-1360
1211. Hobelmann & Co., Inc.
225 Kansas St. (3)
UN 3-4046
1212. Hodges & Glomb
921 Bryant St. (3)
UN 1-2367
1213. Hornberger, Robert B.
525 Market St., Room 701 (5)
YU 2-5376
1214. Houghton & Co., E. F.
1500 Davidson Ave. (34)
VA 4-3207-08
1215. Hughes & Merton
1270 Bush St. (9)
OR 3-8243
1216. Huppert Co., K. H.
1529 Folsom St. (3)
UN 1-5341
1217. Hyster Co.
4445 Third St. (24)
MI 8-0680
1218. IBM Corp.
120 Montgomery St. (4)
EX 2-2480
1219. I-T-E Circuit Breaker
116 New Montgomery St. (5)
YU 2-2760
1220. Industrial Materials Co.
283 Brannan St. (7)
EX 2-8505
1221. Ingersoll-Rand Co.
350 Brannan St. (7)
GA 1-6330
1222. Jacobs, Paul D.
420 Market St. (11)
YU 2-7266
1223. James Co., Inc., Allan P.
430 Ninth St. (3)
MA 1-5934
1224. Jamison Steel Corp.
280 San Bruno Ave. (3)
UN 1-6530
1225. Janette Electric Manufacturing Co.
26 Second St. (5)
1226. Jaxon Engineering Specialties
181 Stewart St. (5)
1227. Johnston Co., M. D.
678 Howard St. (5)
1228. Jones & Laughlin Steel Corp.
Russ Bldg. (4)
EX 2-0266
1229. Keeler, White Co.
615 Seventh St. (3)
HE 1-2900
1230. Kennametal, Inc.
4095 19th Ave. (27)
DE 3-9704
1231. King Sales & Engineering
441 Folsom St.
EX 2-7644
1232. Kingwell Brothers, Ltd.
457 Minna St. (3)
SU 1-0514
1233. Klinger Co., The M. H.
500 Florida St. (2)
MA 1-4921
1234. Koerber, James F.
1853 Market St. (3)
MA 1-2208
1235. L & L Sales Co.
511 Seventh St.
HE 1-2389
1236. Laboratory Equipment Co.
649 Bryant St. (7)
1237. Lanco Equipment Co.
445 Bryant St. (7)
YU 2-6384
1238. Leeds & Northrup Co.
1095 Market St. (3)
MA 1-3464
1239. Lehmkuhl, M. C.
114 14th St. (3)
UN 1-1786
1240. Leighton Stone Corp.
770 Folsom St. (7)
YU 6-5731
1241. Lifton, Inc.
215 Embarcadero
1242. Linde Co.
22 Battery St. (6)
YU 2-1360
1243. Link-Belt Co.
400 Paul Ave. (24)
JU 7-6400
1244. Liquid Carbonic Corp., The
211 Bay St. (11)
1245. Lord Manufacturing Co.
916 Kearney St.
EX 7-6280
1246. Loughlin & Co., Wm. C.
311 California St. (4)
SU 1-5582
1247. Lundy, Ralph B.
1063 Howard St. (3)
UN 3-3110
1248. Lynn & Brooks Co.
1485 Bayshore Blvd.
JU 4-5309
1249. Maddox Co., John H.
420 Market St. (11)
DO 2-3249
1250. Manning, Maxwell & Moore, Inc.
450 Bay Shore Blvd.
1251. Marlin-Rockwell Corp.
1234 Mariposa St. (7)
KL 7-2345
1252. Marwedel, C. W.
1235 Mission St. (3)
UN 1-2125
1253. Master Pneumatic Tool Co., Inc.
210 Post St.
YU 6-6863
1254. Matheson-Doherty Co.
225 Shaw Rd.
PL 5-7920
1255. McCarthy-Hood Associates
1485 Bayshore Blvd. (24)
JU 6-1860
1256. McKay Co., The
75 Arkansas St. (7)
MA 1-5986
1257. Metal & Thermit Corp.
E. Grand Ave.
1258. Metesser, Lewis
1485 Bayshore Blvd. (24)
JU 4-5000
1259. Miller & Stern Supply Co.
1435 Folsom St. (3)
HE 1-2090
1260. Miller Tool & Supply Co.
1044 Folsom St. (3)
UN 1-3226
1261. Milligan-Spika Co.
1485 Bay Shore Blvd.
JU 5-8153
1262. Milmac
280 Seventh St. (3)
UN 3-2266
1263. Milne & Co., Inc., A.
540 First St. (7)
DO 2-4924
1264. Mitchell, Byron
544 Market St.
GA 1-7700
1265. Montague-Harris & Co.
893 Folsom St. (7)
YU 2-4365
1266. Montgomery Brothers
1122 Howard St. (3)
UN 1-3527
1267. Moore & Co. Engineers, Inc. C. C.
450 Mission St. (5)
GA 1-3484
1268. Moore Machinery Co.
700 Minnesota St. (7)
TH 3-1636
1269. Morse Twist Drill & Machine Co.
1180 Folsom St. (3)
HE 1-2540
1270. Musto Sons-Keenan Co., Joseph
535 N. Point St.
1271. Northwest Sales-Engineering Co.
420 Market St.
EX 2-0154
1272. Norton Co., C. L.
Embarcadero at Mission St.
1273. Oakite Products, Inc.
681 Market St. (5)
YU 2-6582
1274. Old & Son, James A.
325 Fifth St. (7)
1275. Orcutt, Walter
420 Market St.
DO 2-2085
1276. Ozalid Branch Office
933 Harrison St. (7)
YU 6-2658
1277. Pacific Abrasive Supply Co.
340 Sixth St. (3)
MA 1-2427
1278. Pacific Metals Co., Ltd.
1900 Third St. (7)
UN 3-5600
1279. Pacific Scientific Co.
760 Harrison St. (7)
DO 2-0934
1280. Pangborn Corp.
952 Howard St. (3)
YU 2-7048
1281. Paramount Manufacturing Co.
900 Mills Bldg. (4)
GA 1-1416
1282. Patrick & Co.
560 Market St. (4)
1283. Paul & Griffin Co.
509 Sixth St. (3)
1284. Payton, Phil
1790 34th Ave. (22)
MO 4-5066
1285. Perin Co., Inc.
575 Howard St. (5)
GA 1-1827
1286. Perine Machinery & Supply Co., Inc.
458 Brannan St. (7)
DO 2-4945
1287. Peters, Vance L.
24 California St. (11)
DO 2-4725
1288. Peterson Co.
1485 Bayshore Blvd. (24)
JU 6-7332
- 1288A Peterson Supply Co.
480 Fifth St. (7)
1289. Philpott Co., Inc., George M.
1060 Bryant St. (3)
HE 1-5475
1290. Pimper, T. F.
458 Brannan St.
DO 2-4945
1291. Pelitte, Dom
547 Howard St. (5)
1292. Porter-Cable Machine Co.
1101 20th St.
AT 2-3005
1293. Power-Mac Corp.
467 S. Van Ness Ave. (3)
UN 1-1430
1294. Pratt & Whitney Co.
1331 Howard St. (3)
MA 1-7363
1295. Rapistan of Calif., Inc.
444 Brannan St. (7)
YU 2-3880
1296. Renstrom Gear & Machine Works
516 Bryant St. (7)
1297. Revere Copper & Brass, Inc.
World Trade Center (11)
1298. Reynolds Metals Co.
3201 Third St. (24)

CALIFORNIA

1299. Ridley Co., The
376 Fifth St.
1300. Rieke & Sons, S.
1404 Third St.
GA 1221
1301. Rodman & Co.
420 Market St.
YU 2-0824
1302. Rolph, Mills & Co.
325 Fifth St. (7)
SU 1-1100
1303. Rueger Co., The
889 Bryant St. (3)
1304. Russell, Burdall & Ward Bolt and Nut
Co.
112 Market St. (11)
SU 1-0882
1305. Samson Sales Co.
420 Market St. (11)
1306. Scotten, Ed L.
207 Gonzalez Dr.
TE 2-6225
1307. Sharon Steel Corp.
902 Monadnock Bldg. (5)
1308. Shell Chemical Corp.
100 Bush St. (6)
EX 2-5400
1309. Shell Oil Co.
P. O. Box 3147
100 Bush St. (6)
EX 2-5400
1310. Sherritt & Co., M. A.
1581 Mission St. (3)
HE 1-3383
1311. Simonds Machinery Co.
816 Folsom St. (7)
DO 2-6794
1312. Simonds Saw & Steel Co.
228 First St. (5)
EX 2-4466
1313. SKIL Corp.
285 S. Van Ness (3)
UN 3-1250
1314. Sloss and Brittain
100 Potrero Ave.
1315. Standard Oil Co. of California
130 Sutter St.
SU 1-7700
1316. Steele, J. C.
2201 Baker St.
JO 7-9700
1317. Sterling Electric Motors, Inc.
383 Brannan St. (7)
SU 1-7997
1318. Stevens & Co., Dillon
420 Market St. (5)
DO 2-2518
1319. Storm & Sons, R. J.
342 Ritch St. (7)
SU 1-5588
1320. Supreme Products Corp.
52 Zoe St.
MA 1-5016
1321. Swanton, Inc., Harold R.
458 Brannan St., (7)
SU 1-0972
1322. Sweetland Co., E. D.
151 Mission St. (5)
GA 1-2663
1323. Syntro San Francisco Sales Co.
59 30th St. (10)
AT 8-1162
1324. Tamco Engineers
1139 Mission St.
UN 1-5700
1325. Tay-Holbrook, Inc.
165 Eighth St. (1)
1326. Taylor Felt & Supply Co., W. C.
718 Mission St. (3)
1326A. Teall, Frederick P.
725 Second St. (7)
1327. Technical Instrument Co. (2)
98 Golden Gate Ave. (2)
PR 5-8514
1328. Terco Equipment Co.
939 Howard St. (3)
GA 1-1736
1329. Thor Power Tool Co.
315 S. Van Ness Ave. (3)
UN 1-2045
1330. Tool Crib, The
778 Brannan St. (3)

1331. Torsion Balance Co., The
785 Market St., Suite 403
1332. Transmission Engineering Co.
427 Bryant St. (7)
SU 1-4738
1333. Tri-State Supply Corp.
554 Bryant St.
EX 2-8890
1334. Ullmann Co., The F. D.
2152 Beach St. (23)
WE 1-7444
1335. Union Carbide Plastics Co.
22 Battery St. (6)
YU 2-1360
1336. Union Twist Drill Co.
550 Barneveld Ave. (24)
AT 2-7551
1337. U. S. Electrical Motors, Inc.
564 Fourth St. (7)
GA 1-7625
1338. Valvoline Oil Co.
1300 17th St.
UN 1-1278
1339. Vapnek, Paul W.
1547 Mission St. (3)
HE 1-1500
1340. Victor Equipment Co.
844-54 Folsom (7)
GA 1-3000
1341. Wales STRIPPIT, Inc.
634 Polk St.
OR 3-8866
1342. Walkup Drayage & Warehouse Co.
646 Folsom St. (7)
SU 1-8558
1343. Wallace, Thomas F.
320 Tenth St.
UN 1-5255
1344. Wapakoneta Machine Co., The
Room 932, Monadnock Bldg. (5)
DO 2-4930
1345. Watts, Inc., Paul
52 Zoe St. (7)
YU 2-0919
1346. Weirton Steel Co.
235 Montgomery St. (4)
SU 1-3877
1347. Welding Service Sales, Inc.
925 Howard St.
1348. Western Asbestos Co.
675 Townsend St. (3)
KL 2-3868
1349. Western Control Equipment Co.
3573 Pierce St. (23)
WE 1-2155
1350. Western Industrial Equipment Co.
420 Market St. (11)
SU 1-0222
1351. Wilbee Co., James
420 Market St. (11)
YU 6-3799
1352. Winalow Co., David
25 California St. (11)
1353. Winter Co., Eugene V.
15 Drumm St. (11)
DO 2-2714
1354. Wising, Fred E.
1 Drumm St.
DO 2-3082
1355. Worthington Corp.
224 Townsend St. (7)
1356. Wright & Co., Norman S.
1015 Folsom St. (3)
UN 3-3321
1357. Wright Holst Div.
890 Tennessee St. (7)
1358. Young Machinery Co., A. L.
179 Utah Ave.

SAN GABRIEL

1359. DeLong, Robert
835 W. Las Tunas Dr.
1360. Hachten Co., J. E.
8413 Las Tunas Dr.
1361. Hill Co., J. T.
420 S. Pine St.
AT 7-9633
1362. Johnson, Carl E.
1149 Abbott Ave.
AT 4-0422

1363. L & S Tool Supply
8512 E. Las Tunas Dr.
1364. Marshall Tool & Supply Corp.
8927 E. Garvey Ave., South
AT 0-1562
1365. Mitchell Machinery Co., A. T.
837 Valley Blvd.
1366. Multi-Drill Equipment & Supply
8338 Garibaldi
P. O. Box 222
CL 7-5898
1367. Wilson Sales Co.
3218 N. San Gabriel Blvd.

SAN JOSE

1368. Bliss Co., E. W.
P. O. Box 937
7th and Commercial Sts.
CY 7-4114
1369. Buck Manufacturing Co.
P. O. Box 692
1355 N. 10th St.
CY 7-6323
1370. California Safety & Supply Co.
996 N. Fourth St. (12)
CY 3-4197
1371. DeVilbiss Co., The
1335 N. Tenth St. (12)
CY 7-1820
1372. Farmers Union Hardware
151 W. Santa Clara
CY 5-6465
1373. Hall Machinery Co.
424 W. Julian (10)
1374. Haven Machinery & Supply Co.
859 W. Julian St.
1375. Hopper, Earl
1980 Abinante La. (24)
1376. Industrial Div.
720 W. San Carlos St.
1377. Industrial Tool & Supply Co.
1177 N. 15th St. (28)
CY 2-8853
1378. Jerpbak, L. O.
15147 Chelsea Dr. (24)
ES 7-4042
1379. Marwedel, C. W.
1310 N. Tenth St.
CY 7-8207
1380. Moore Machinery Co.
656 Stockton (28)
CY 7-4070
1381. Pacific Abrasive Supply Co.
706 W. Julian St.
1382. Pond Co., A. G.
P. O. Box 588
1383. Power Transmission Engineering
Corp.
84 Keyes St.
1384. San Jose Hardware Co.
62 W. San Fernando St. (3)
CY 5-8454
1385. San Jose Supply House
520 S. First St. (13)
1386. Slakey Bros. San Jose
P. O. Box 327
1387. Spencer, A. L.
260 Vine St. (10)
CY 5-3707
1387A. T-G Forklift Sales Co.
1230 N. 13th St.
1388. Tool & Abrasive Engineering Co.
Bayshore and Commercial Sts.
CY 7-4322
1389. U. S. Electrical Motors, Inc.
442 Park Ave. (10)
CY 3-8580
1390. Wagner, Larry
112 Laumer Ave. (12)
CL 8-2641
1391. Warner-Yates Co.
1441 Terminal Ave.
1392. Western Asbestos Co.
460 Park Ave.
CY 3-1317
1393. Western Plumbing Supply Co.
90 Notre Dame Ave.

SALES OFFICES

CALIFORNIA

SAN LEANDRO

1394. Girard, Dean
388 Farrelly Dr.
NE 3-7905
1395. Lincoln, Gordon
14897 Lark St.
FL 7-1656
1396. McCormicks Chemical & Inspection Co.
310 San Leandro Blvd.
LO 9-5274
1397. Modernair Corp.
400 Preda St.
1398. Nelson Stud Welding
440 Peralta Ave.
LO 8-4553
1399. Pacific Abrasive Supply Co.
402 Hester St.
NE 8-1189
1400. Republic Supply Co.
1919 Williams St.
EL 7-2211
1401. Tay-Holbrook, Inc.
1806 Merced St.
1402. Tott, H. W.
2579 Humbolt Dr.
Bay-O-Vista
EL 7-2444
1403. Yale & Towne Manufacturing Co., The
1251 Doolittle Dr.
LO 2-4290

SAN MARINO

1404. Alford, C. R.
475 Huntington Dr. (9)
RY 1-8996
1405. Axelson Co., J. L.
2499 Huntington Dr. (9)
RY 1-0614
1406. Chisholm-Moore Holst Div.
475 Huntington Dr.
RY 1-3346
1407. Cuno Engineering Corp., The
475 Huntington Dr.
RY 1-2805
1408. Engen Industrial Co.
2650 Devonport Rd.
CY 2-6204
1409. Lukens Steel Co.
475 Huntington Dr.
SY 9-6793
1410. Marshall Co., G. S.
2065 Huntington Dr.
RY 1-6781

SAN MATEO

1411. Aro of California
6 S. Bayshore Blvd.
DI 2-6329
1412. B & W Supply Corp.
18 E. 25th Ave.
1413. Batina Machinery Co.
72 E. Third Ave.
DI 2-1813
1414. Bay City Oil Co.
968 S. Bayshore Blvd.
DI 3-2090
1415. Bellows Co., The
126 W. 25th Ave.
FI 5-7812
1416. Braun, D. Lee
508 30th Ave.
FI 5-0940
1417. Clark Controller Co., The
72 E. Third Ave. (72)
DI 2-6051
1418. Eklund, Ralph H.
121 W. 38th Ave.
FI 5-1016
1419. Gisholt Machine Co.
600 S. Bayshore Freeway
DI 2-4308 and 2-4309
1420. Lukens Steel Co.
20 N. San Mateo Dr.
DI 2-3568
1421. Peters, Vance L.
519 Sylvan Ave.

1422. R & R Tooling Supplies
126 W. 25th St.
1423. Straumann Co., F. W.
600 S. Bayshore Freeway
DI 4-6464

SAN PEDRO

1424. Bolstad Sales & Service
124 E. Fourth St.
1425. Doyle, Larry
3436 Carolina Ave.
TE 1-3586
1426. Hendry Co., C. J.
111-121 S. Front St.
1427. Rouviere, Richard L.
1891 McCarthy St.

SAN RAFAEL

1428. Lacey, Woodrow L.
58 Biliou
GL 3-9293

SANTA ANA

1031. Flexonics Corp.
3324 W. Delhi Rd.
KI 5-8261
1032. Holzwarth, John W.
312 E. 17th St.
KI 3-5050
1033. M-B Industrial Supply Co.
422-424 W. Fourth
KI 2-1141
1034. Pacific Abrasive Supply Co.
2602 S. Orange Ave.
P. O. Box 2234
KI 5-6302
1035. Santa Ana Chain & Gear Co., Inc.
915 E. First St.
1036. Townsend Co.
1224 E. Delhi Rd.
KI 5-5511

SANTA BARBARA

1429. De Jo Tool & Supply Co.
335 E. Haley St.
WO 5-6013
1430. Ott's
727 State St.
1431. Sterling Supply Co.

SANTA CLARA

1432. Franzen Co., Jake
1163 Richard Ave.
AC 6-7075
1433. Victor Equipment Co.
2325 Lafayette St.
CH 8-2662

SANTA FE SPRINGS

1434. Hunter Sales Co., Inc., R. N.
9651 Alburis Ave.
OX 2-7231
1435. Keith Co., W. P.
9128 S. Norwalk Blvd.
RA 3-2267

SANTA MONICA

1436. Bendix Industrial Controls
1321 Oak St.
1437. Curtis Tool & Supply Co.
3000 Santa Monica Blvd.
TE 6-1366
1438. Koebel Diamond Tool Co. of California
1921 Main St.
EX 6-4282
1439. Rezolin, Inc.
1651 18th St.
TE 0-7328
1440. Sam's Tool Co.
1337 4th St.

SARATOGA

1441. Young, F. L.
P. O. Box 275

SAUSALITO

1442. Bullard Co., E. D.
2680 Bridgeway
ED 2-0410

SHARP PARK

1443. Wiseman, Jos. R.
376 Nelson Ave.

SHERMAN OAKS

1444. Bennett, Marvin O.
4459 Stansbury Ave.
1445. Western Control Equipment Co.
14615 Ventura Blvd.
ST 3-3040

SOLANA BEACH

1446. Kelley, Emmor
601 Ridgeline Pl.
SK 5-4337

SOUTH EL MONTE

1447. Hysol of California
1706 Potrero
CU 3-8461

SOUTH GATE

1448. Able Machinery Co.
4969 E. Firestone Blvd.
LO 4-4474
1449. All-State Welding Alloys Co., Inc.
4933 Firestone Blvd.
LO 7-5040
1450. Conti-Products Co.
2944 Tweedy Blvd.
LO 7-2017
1451. Cost Reduction Equipment Co.
5200 Chakemco
1452. Dally Grinding, Inc.
10700 S. Garfield Ave.
1453. Dawn Associates
3263 Independence Ave.
LO 7-1451
1454. Dellmann, Milo
P. O. Box 565
1455. Diversey Corp., The
3720 Imperial Hwy.
LO 6-4168
1456. Horn Machinery Sales Co.
4945 Firestone Blvd.
LO 7-2209
1457. Houdaille Industries, Inc.
4854 Firestone Blvd.
LO 7-6095
1458. Miller Co., Dai
2905 Century Blvd.
LO 4-2427
1459. National Furnace Sales & Service, Inc.
5251 Tweedy Blvd.
LO 6-4182
1460. Price & Rutzebeck
3298 Tweedy Blvd.
LO 7-2964
1461. Rucker Co., The
4856 Firestone Blvd.
LO 4-2521
1462. Spence, E. M.
2720 S. San Pedro (11)
AD 2-4261
1463. Syntrol Los Angeles Sales Co.
8413 State St.
P. O. Box 254
LO 7-1457
1464. Wales-STRIPPIT, Inc.
4854 Firestone Blvd.
LO 4-3221
1465. Webb Co. of California, Jervis B.
9301 Rayo Ave.
LO 4-1821
1466. Western Materials Hdl. Corp.
8660 Atlantic Ave.

SOUTH PASADENA

1467. Tegien Engineering Co.
1942 Huntington Dr.
PY 1-2856

SOUTH SAN FRANCISCO

1468. Adam-Hill Co., The
142 Utah Ave. (3)
JU 8-8755
1469. B-H-S Machinery Co.
P. O. Box 387
717 Airport Blvd. (3)
FL 5-4466

SALES OFFICES

CALIFORNIA

1470. Brennan-Hamilton Co.
187 Utah Ave.
JU 9-2700
1471. Chase Brass & Copper Co.
230 Shaw Rd.
JU 3-4994
1472. Cleveland Cap Screw Co., The
415 S. Eccles Ave.
PL 6-6236
1473. Crane Packing Co.
145 Utah Ave.
PL 5-7466
1474. Hamerslag Equipment Co.
110 Freeway Blvd.
JU 3-5757
1475. Howard & Co.
938 N. Linden Ave.
JU 9-2062
1476. Marshall-Newell Supply Co.
101 Utah Ave.
JU 3-5125, JU 8-5205
1477. Metal & Thermit Corp.
270 E. Grand Ave.
PL 5-5125, JU 8-5205
1478. Minnesota Mining & Manufacturing Co.
326 Shaw Rd.
PL 6-0800
1479. Mueller Brass Co.
160 Sylvester Ave.
JU 3-3488-89-90
1480. Natural Gas Equipment, Inc.
938 Linden Ave.
JU 8-7724
1481. Oldham, Earl A.
609 Newman Dr.
AT 2-8220
1482. Osborn Manufacturing Co., The
271 Dundee Dr.
AT 2-8220
1483. Reichhold Chemicals, Inc.
Linden Ave.
P. O. Box 791
PL 5-9392
1484. Young Machinery Co., A. L.
179 Utah Ave.

SOUTH SAN GABRIEL

1485. Marshall Tool & Supply Co.
8929 E. Garvey Blvd.

STOCKTON

1486. California Welding Supply Co.
405 N. Lincoln St. (1)
1487. Geiger Iron Works, Inc.
1140 E. Scotts Ave.
HO 6-8623
1488. General Electric Co.
2525 Pacific Ave.
HO 3-0166
1489. Grether & Grether
P. O. Box 47
624 W. Fremont St.
OW 7-7812
1490. Hickinbotham Bros., Ltd.
536 S. Aurora St.
P. O. Box 1730 (14)
HO 6-9541
1491. Lift Truck Service Corp.
2211 N. Hwy 99
HO 6-8984
1492. Stockton Iron Works
Harrison and Lindsay Sts. (1)
1493. U. S. Electrical Motors, Inc.
821 N. El Dorado
HO 3-7181
1494. Western Asbestos Co.
733 S. Van Buren St.
Phone: 4-9421

STUDIO CITY

1495. Branson Instruments, Inc.
12438 Ventura Blvd.

SUN VALLEY

1496. Moore Co., George E.
8827 Remick Ave.
RO 7-2772

TEMPLE CITY

1497. Crosby, Ralph B.
5305 Alessandro Ave.
AT 6-6845

1498. Denton & Anderson Co.
5526 N. Rosemead Blvd.
CU 3-4647
1499. Federated Sales Co.
5921 N. Temple City Blvd.
AT 6-4136
1500. Rogers, Emil F.
9822 Milosann St.
AT 6-7359
1501. Sullivan, J. E.
6019 N. Loma Ave.

TORRANCE

1502. Mobar Industrial Supply
1116 Border Ave.
NE 6-6423
1503. National Supply Co.
1524 Border
NE 6-1701
1504. O'Hare, Russell
22313 Osage Ct.
DA 6-0361
1505. Torrance Specialty Fixtures, Inc.
1313 W. Sepulveda Blvd.
P. O. Box 561
DA 6-1771

UKIAH

1506. Klamath Machine & Locomotive Works of Calif.
720 State St.
1507. Munnell & Sherrill of California
Rte 1, Box 559H
N. Hwy 101
1508. Reliable Mill Supply Co.
Rte 1, Box 518-H
HO 2-6629

VAN NUYS

1509. Kennematt Co., The
14637 Bessemer St.
ST 3-2427
1510. Lake Erie Machinery Corp.
15618 Cohasset St.
ST 3-2954
1511. Miller Specialties
5217 Sepulveda Blvd.
1512. Pacific Abrasive Supply Co.
15531 Cabrito Rd.
ST 3-1980
1513. Parker & Son, H. M.
14525 Delano St.
1514. Pic Design Corp.
7335 Van Nuys Blvd.
ST 2-6702

VENICE

1515. Bob's Fixit Service
839 Milwood Ave.
1516. Del-Ray Tool Co.
4053 Lincoln Blvd.
EX 8-3010

VENTURA

1517. Crow-Garrick Co., Inc.
1885 N. Ventura Ave.

WALNUT CREEK

1518. Burkhardt, N. G.
2401 Ygnacio Valley Rd.
YE 4-3408
1519. Hone, Stanley
1427 Duncan St.
YE 5-4504

WEST ARCADIA

1520. American Pullmax Co., Inc.
618 W. Longden
RY 1-7760

WEST COVINA

1521. Miller Electric Manufacturing Co., Inc.
1224 S. Larimore Ave.
ED 6-2931

WHITTIER

1522. Anderson Equipment Co.
624 W. Whittier Blvd.
1523. Carter, Pat
15416 Janine

1524. Fitzsimmons, J. J.
1154 High St.
OX 6-1279
1525. Huck Manufacturing Co.
8834 Walnut Wy.
BE 4-4911 (San Diego)
1526. Johnson, Victor W.
1025 W. Whitley
OX 9-4017
1527. Kelleher, Robert F.
340 S. Caimosa Ave.
OX 6-2014
1528. McMillion, Chet
7821 S. Broadway
OX 9-9846
1529. Ragsdale, John
317 Honolulu Ter.
P. O. Box 368
OX 5-6707
1530. Richardson Co. of California, The
1404 W. Hadley St.
OX 5-4732
1531. Van Derby, B. J.
8622 La Verdosa Dr.
1532. Walsh, John F.
P. O. Box 798
1456 Chestnut St.
1533. Williams, David E.
239 N. Greenleaf
OX 4-3421

WOODLAND HILLS

1534. Imperial Tool Co.
22464 Ventura Blvd.
1535. Weatherhead Co., The
21237 Lopez St. (8)
DI 7-2681

1536-1538 See San Bernardino

1539 See San Fernando

COLORADO

BOULDER

1. Archibald, John W.
P. O. Box 647
2. B & B Sales Co.
1427 Pearl St.
P. O. Box 26
3. Colorado Tool & Gauge Co.
P. O. Box 527
RA 2-8067
4. D & R Supply Co.
1121 Walnut St.
HI 2-6887

COLORADO SPRINGS

5. Landes, Zachary & Peterson Co.
1605 S. Tejon
ME 3-4861

CRIPPLE CREEK

6. Union Supply Co.

DENVER

7. Acetylene Service Co.
1105 Zuni St. (4)
8. Airborne Instruments Laboratory
126 W. Fifth Ave. (4)
SH 4-3495
9. Air-Draulics, Inc.
1372 S. Lincoln St. (10)
RA 2-4522
10. Air Reduction Sales Co.
1000 Yuma St. (4)
CH 4-5750
11. Alemite Co.
1157 Bannock St. (4)
12. Allen Bearings Supply Co., Inc.
4965 Jackson St. (16)
FL 5-3563
13. Alldredge & McCabe
847 E. 17th Ave. (18)
AL 5-7496
14. Allis-Chalmers Manufacturing Co.
655 Broadway Bldg. (3)
CH 4-6556
15. Alta Engineering Co.
2950 S. Fox St.
SU 9-1861

SALES OFFICES

COLORADO

DENVER (cont.)

16. Aluminum Co. of America
105 Filmore St. (6)
DU 8-1619
17. American Brass Co., The
4303 Brighton Blvd. (16)
18. American Optical Co.
844 Delaware St.
AL 5-6661
19. American Steel & Wire Div.
1310 First National Bank Bldg. (2)
AM 6-3001
20. Armstrong Caster Co.
465 Santa Fe Dr.
AC 3777
21. Arn-Wood Co.
610 W. Colfax Ave.
22. Automatic Control & Equipment
5750 Pecos St. (21)
GE 3-6436
23. Aviation Industrial Supply Co.
3900 Ulster St. (7)
FL 5-2391
24. Bader, Robert S.
142 Broadway (3)
25. Bax, L. D.
714 Lincoln St. (3)
AM 6-1951
26. Bearings Service & Supply Co.
4433 Claude Ct. (16)
AC 2-3991
27. Bellows Co., The
1305 S. Ivanhoe Wy.
SK 6-1057
28. Belt & Co., C. D.
2149 S. Clermont (22)
SK 6-0894
29. Bennett, E. V.
1230 Bellaire St.
30. Black & Decker Mfg. Co., The
1010 Bannock St. (4)
AN 2-0621
31. Blair Engineering Co.
4100 Grape St. (16)
FL 5-7142
32. Bowen, R. G.
721 S. Broadway (23)
RA 2-4641
33. Braun-Knecht-Heimann Co.
2301 Blake St. (17)
34. Bridgeport Brass Co.
77 Lipan St. (23)
35. Brown, W. A.
1248 Santa Fe Dr.
36. Brunner & Lay, Inc.
2 Santa Fe Dr.
AL 5-3948
37. Burke-Pearson Co.
120 W. Fifth Ave. (4)
SP 7-2891
38. C. F. L. Co.,
1871 S. Broadway (10)
SP 7-4381
39. Carrier Corp.
1135 Bannock St. (4)
AM 6-1693
40. Case Material Handling Co.
2855 W. Eighth Ave.
41. Chain Belt Co.
110 16th St. (2)
CH 4-7467
42. Chase Brass & Copper Co.
5101 Colorado Blvd. (16)
DU 8-2441
- 42A. Chicago Pneumatic Tool Co.
465 Acoma St. (4)
43. Christopher Co., L. A.
1715 York St. (6)
FL 5-7335
44. Clark, Ben T.
211-212 Wazee Market
45. Clark Controller Co., The
4949 Colorado Blvd. (16)
DE 3-5434
46. Cleveland Tramrail Denver Co.
1700 15th St.
MA 3-3221 Ext. 20
47. Coleman Co., The
7700 W. 48th Ave.
HA 4-2797
48. Colorado Industrial Supply Co.
1620 Wazee St.
P. O. Box 5452, Terminal Annex (17)
KE 4-6424
49. Colorado Tool and Gage
1489 S. Broadway (10)
RA 2-8067
50. Bert Cotton Co.
1017 S. Adams St.
51. Coursey Equipment Co., Inc., Joe
3327 Brighton Blvd. (5)
AC 2-9561
52. Crane Packing Co.
901 Sherman St., No. 415 (3)
TA 5-2192 Ext. 415
53. Crucible Steel Co.
6301 Colorado Blvd. (16)
AT 8-2655
54. Cutting Tools, Inc.
610 E. 17th St.
AM 6-3897
55. DeLaval Separator Co., The
3510 Chase St. (14)
HA 4-7583
56. Delco Products Div.
215 Wazee Market (4)
AC 2-6965
57. Detrex Chemical Industries, Inc.
2101 Market St. (17)
MA 3-5347
58. Dietzgen Co., Eugene
1746 California St. (2)
TA 5-6369
59. DiEugenio Tool Center, Inc.
3424 E. Colfax Ave. (6)
EA 2-5000
60. Dittman, V. R.
2309 S. Madison St. (20)
TA 5-2192 Ext. 809
61. DoALL Denver Co.
5 S. Kalamath St. (23)
AL 5-7444
62. Dorough Co., J. H.
1357 Harlan St. (14)
HE 7-2925
63. Duboc Associates, R. E.
2353 S. Broadway (10)
RA 2-4609
64. E & M Equipment Co.
2415 15th St. (2)
GL 5-3631
65. Electric Steel Foundry Co.
3940 Grape St. (7)
FL 5-2349
66. Electronic Lab Service
750 Cherry St.
FL 5-7741
67. Elliott Co., Clyde P.
661 Delaware St. (4)
AL 5-7998
68. Elsner, F. R.
842 S. York St. (9)
SP 7-5131
69. Emrick & Hill Engine & Equipment
Co.
4841 E. 38th Ave. (16)
P. O. Box 6585
70. Eabenson Co., Iver J.
1725 E. 17th Ave. (18)
EA 3-7733
71. Fafnir Bearing Co., The
4425 Vine St. (16)
AL 5-1495
72. Fairbanks Morse & Co.
4995 Colorado Blvd. (16)
FR 7-8845-46-47
73. Fitzgerald, Thomas
1569 St. Paul St. (6)
74. Floyd, R. H.
2370 S. Madison (10)
SK 6-7110
75. Foss, Inc., M. L.
1901-21 Arapahoe St. (1)
KE 4-5151
76. Francis & Sims, Inc.
2750 W. 17th Ave.
77. Fryer, Herbert E.
1321 Bannock St., Suite 104 (4)
78. Gardner-Denver Co.
1727 E. 39th Ave. (1)
AC 3-9383
79. Garlock Packing Co.
1863 Wazee St. (2)
AC 2-0649
80. Gas Equipment of Denver
1485 Brentwood
81. General Electric Co.
650 17th St. (2)
KE 4-7171
82. General Welding Supply Co.
1429 Market St. (2)
KE 4-5319
83. Geoffroy-Lane, Inc.
432 E. First Ave. (3)
SH 4-2451
84. Glass & Associates, Harry J.
P. O. 1085 (1)
DE 3-8131
85. Goble & Sampson
1737 Franklin St. (18)
MA 3-6976
86. Grinnell Co.
2175 15th St. (2)
87. Halsell Brokerage Co.
3101 Walnut St. (5)
TA 5-8798
88. Hansen, Henry R.
1863 Wazee St. (2)
KE 4-4453
89. Harnischfeger Corp.
1108 15th St.
AL 5-4876
90. Hassco, Inc.
1745-61 Wazee St. (1)
91. Helicoid Gage Div.
4555 E. 46th St. (2)
92. Helton & Co., Clint
142 Broadway (3)
HA 2-8915
93. Hendrie & Bolthoff Co.
1621-1639 17th St. (17)
P. O. Box 5110, Terminal Annex
KE 4-4111
94. Herman & Von Rosenberg
1051 11th St. (4)
AC 2-2833
95. Horblit & Co.
2329 Champa St. (5)
AM 6-2691
96. Huck Manufacturing Co.
1163 S. Cherokee (23)
SH 4-1253
97. Hydraulic Service & Supply
5975 Colorado Blvd. (16)
AT 8-3273
98. I-T-E Circuit Breaker
655 Broadway Bldg. (3)
AM 6-1404
99. Industrial-Denver Co.
1655 11th St. (4)
AC 2-4791
100. Industrial Factors Co.
P. O. Box 2148 (1)
KN 234
101. Industrial Materials
2855 Walnut St.
AC 2-0891
102. Industrial Supply Co.
1745 Blake (2)
AL 5-9623
103. Ingersoll-Rand Co.
1641 Blake St. (2)
KE 4-2245
104. Intermountain Dist. Inc.
1475 S. Pierce St. (15)
WA 2-1174
105. Ives Co., Richard
W. Colfax at Welton St. (4)
AL 5-1411
106. Jarrett, Tracy C.
95 S. Ammons St. (15)
BE 3-2333
107. Jarvis Supply Co.
2140 S. Platte River Dr. (5)
WE 6-3461
108. Johnson Supply Co.
1123 Wazee St. (4)
109. Jones Jr., David W.
104 Goby Bldg. (4)
KE 4-4911

COLORADO

110. Jones & Laughlin Steel Corp.
4975 Colorado Blvd. (16)
DU 8-2416
111. Joy & Cox, Inc.
2124 Broadway (5)
AM 6-0323
112. Kaub & Co., Hubert
1025 Santa Fe Dr. (4)
MA 3-4606
113. Kennametal, Inc.
Mailing Address P. O. Box 246,
Littleton, Colo.
AC 2-8394
114. King & East Machinery Corp.
2050 Bryant St. (11)
GE 3-6413
115. Knoyer Co., William L.
138 W. 12th Ave. (4)
116. Koether-Cox Co.
119 W. 13th Ave. (4)
MA 3-3544
117. Kramer Industrial Supply Co.
2190 E. 40th St. (5)
118. Krippner & Polley
1166 Eliot St. (4)
AL 5-1059
119. L-Z Engineering
Box 2459 (1)
120. Lagerberg, K. E.
2121 Rount Rd. (15)
BE 7-5105
121. Landes, Zachary & Peterson Co.
601 S. Jason St. (23)
SH 4-1311
122. Lane Supply Co.
1224-44 Lawrence St. (4)
123. Leeds & Northrup Co.
1545 Glenarm Pl. (2)
AC 2-1508
124. Leland, L. W.
2800 Tennyson
125. Leonard Co., F. J.
1219 California St. (4)
KE 4-7229
126. Le Roi Div.
610 Farmers Union Bldg. (3)
AM 6-1042
127. Lincoln Electric Co., The
1224 Walnut St. (4)
AC 2-9533
128. Linde Co.
666 S. Santa Fe Dr. (23)
RA 2-4621
129. Littell, P. A.
1156 Bannock St., (4)
AL 5-3982
130. Lobel, Andrew
1700 15th St.
MA 3221
131. Lynn & Brooks Co.
Colorado Bldg., Room 212
TA 5-1609
132. Machinery Supply Co.
3254 Larimer St. (5)
CH 4-4579
133. Marsh Steel Corp.
5500 Colorado Blvd.
KE 4-1241
134. Marshall Co., J. N.
4611 E. 46th Ave. (16)
P. O. Box 2784
DE 3-4237
135. Martin Machinery Co., Inc.
4426 Vine St. (16)
AC 2-3696
136. Mason Machine Tool Co.
661 W. Colfax
AL 5-1411
137. Materials Handling Equipment Co.
1795 Sheridan Blvd. (14)
P. O. Box 1438
BE 7-0433
138. Meininger Co., H. R.
1932 Broadway (2)
TA 5-1301
139. Mesch Machinery Co.
3254 Larimer St.
140. Metal Goods Corp.
4343 Holly St. (16)
DU 8-4141
141. Miller Electric Manufacturing Co.,
Inc.
4851 E. Bates
SK 6-3324
142. Mine & Smelter Supply Co.
3800 Race St.
P. O. Box 9041 (16)
KE 4-3111
143. Moehlenpah Engineering, Inc.
1315 S. Vandeventer Ave. (16)
144. Monarch Sales
P. O. Box 1023 (1)
145. Moore, J. M.
2 Santa Fe Dr. (23)
TA 5-5813
146. Morse Chain Co.
1408 W. Colfax Ave. (4)
AL 5-8609
147. Mueller Brass Co.
1430 W. Colfax Ave. (4)
AC 2-0514
148. Muller, Edward P.
1306 E. 17th Ave. (16)
AL 5-8054
149. Murray Co., E. N.
320 Denver Club Bldg.
AL 5-0533
150. Murray Sales Co.
16 Wazee Market (4)
KE 4-5296
151. Neilsen Supply
3501 Brighton Blvd.
152. Nelson Stud Welding
2135 Kalamath (4)
WE 6-3439
153. Neu-mann Equipment Co.
1863 Wazee (2)
AL 5-8452
154. O'Donnell, Roy
680 Delaware
155. Overgard Machine Tool Co.
2045 W. Eighth St. (4)
MA 3-3141
156. Patten Engineering Co.
1795 Sherman (14)
P. O. Box 1438
BE 7-0433
157. Peak Sales Co.
Box 5064, Terminal Annex (17)
158. Pease Co., Fred A.
4921 E. 38th Ave. (7)
FR 7-2336
159. Peterson Co.
4049 Colorado Blvd. (16)
DE 3-5434
160. Peterson Machinery and Supply Co.
4490 N. Garfield
161. Pitta, Joe L.
3716 Shaw Blvd.
HA 9-1126 or MA 3-1444
162. Plant Equipment Co.
1400 Market St.
AL 5-5411
163. Plasticrafts, Inc.
2800 N. Speer Blvd. (11)
GE 3-3368
164. Power Transmission, Inc.
4965 Jackson St.
DU 8-1581
165. Pratt & Whitney Co., Inc.
1390 Eudora St.
P. O. Box 2169
DE 3-4418
166. Process Equipment Co.
2458 W. 29th Ave.
GL 5-4766
167. Products, Inc.
1444 Oneida St. (20)
FR 7-4327
168. Putnam Co., L. B.
1217 California St. (4)
TA 5-5066
169. R. P. M. Corp.
1245 Seventh St. (4)
170. Rabe, R. H.
651 S. Jason
SH 4-2311
171. Reece Co., Glenn
2001 W. Alameda Ave. (23)
SH 4-3338
172. Reichhold Chemicals, Inc.
1940 Blake St. (2)
TA 5-5871
173. Reid, A. J.
607 E. Tenth Ave. (3)
174. Republic Steel Corp.
405 Continental Oil Bldg. (2)
MA 3-5289
175. Revere Copper & Brass, Inc.
1219 California St. (4)
176. Reynolds Metals Co. (6)
2829 E. Second Ave.
DU 8-2406
177. Riasman, W. S.
1235 Albion Pl. (20)
FL 5-7260
178. Ritchie Co., Ernest
1305 S. Ivanhoe Wy. (22)
SK 6-1657
179. Robbins & Associates, Paul P.
7021 Zuni St. (21)
HA 9-2835
180. Roth Regional Sales Co., Al
1719 Boudier (11)
181. Rueger Co., The
P. O. Box 5001 (15)
182. Ryerson & Son, Inc., Joseph T.
4150 Fox St. (16)
GE 3-6453
183. Safety Equipment Co.
1630 17th St. (2)
184. Sheppard & Associates, P. W.
1219 California St. (4)
185. Simon, Felix
Box #614
KE 4-0035
186. Sinclair Refining Co.
17th and Glenarm
187. Skil Corp.
4462 York St. (16)
MA 3-4195
188. Slaybaugh Thompson Co.
100 W. 13th Ave.
AC 5826
189. Snap-on Tools Corp.
2160 Clay St. (4)
GE 3-6238
190. Southwestern Engineering &
Equipment Co.
529 E. Ohio St.
FE 3-5373
191. Spencer Co., Inc., Paul R.
4000 York St. (5)
KE 4-3293
192. Spicer-Lindsay Associates
4960 E. Evans Ave. (22)
SK 6-0627
193. Stearns-Roger Manufacturing Co.
660 Bannock St. (4)
AC 2-8484
194. Sterling Electric Motors, Inc.
661 Delaware St. (4)
AL 5-7988
195. Sudbury, G. W.
1355 Locust St. (20)
EA 2-8857
196. Supreme Products Corp.
2820 Grape St.
FL 1-922
197. Swan, E. C.
232 Dahlia St. (7)
KA 2-4718
198. Szabo, Edward S.
1424 Xavier
199. Taylor Co., Edward F.
1237 Shoshone St. (4)
TA 5-1327
200. Technical Equipment Corp.
917 Acoma St.
GL 5-4768
201. Texas Co., The
1570 Grant St. (3)
TA 5-7261
202. Thor Power Tool Co.
2704 W. Eighth Ave. (4)
AL 5-3668

SALES OFFICES

COLORADO

DENVER (cont.)

- 203. Tompkins Co.
4970 Jackson St. (16)
DU 8-3658 and 8-3659
- 204. Thompson-Hayward Chemical Co.
1501 W. 13th Ave. (4)
KE 4-1281
- 205. Toncray, Howard
1732 Blake St. (2)
CH 4-1102
- 206. Toncray Equipment Co.
1732 Blake St. (2)
CH 4-1102
- 207. Union Supply Co.
5460 Colorado Blvd. (16)
P. O. Box 6735—Stockyards Station
AM 5-2292
- 208. United States Electrical Motors, Inc.
40 W. 49th Ave. (16)
P. O. Box 9044
MA 3-0281
- 209. United States Welding Works Co., Inc.
1301 Walnut St. (4)
CH 4-7433
- 210. United Tool & Material Co.
307 University Bldg.
AC 2-5831
- 211. Vascology-Ramet Corp.
1725 E. 17th Ave. (18)
East 2-7733
- 212. W. & E. Supply Co.
427 W. Third Ave. (23)
PE 3-6689
- 213. Warner, Cliff
3063 Albion St. (7)
- 214. Werner, A. E.
110 16th St., Room 350 (2)
MA 3-9235
- 214A. Western Belting Co., Inc., The
1729 Wazee St.
- 215. Western Machinery Co.
2400 W. Seventh Ave. (4)
TA 5-7151
- 216. Whiting, J. D.
4135 Quitman St. (12)
- 217. Wild Co., E. C.
1163 S. Cherokee St. (23)
SH 4-1253
- 218. Winterer, Fred H.
8810 W. Fourth Ave. (15)
BE 7-1964
- 219. Witulski, E. J.
1270 S. Josephine (10)
PE 3-6773
- 220. Worthington Corp.
1640 Blake St. (2)
- 221. Wright Hoist Div.
4555 E. 46th Ave. (16)
FR 7-8807
- 222. Wolf & Co., Lyle
1126 12th St. (4)
KE 4-8827
- 223. Young Electric & Manufacturing Co.
2134 Curtis St. (5)
AC 2-4841

ENGLEWOOD

- 224. Alta Engineering Co.
2950 S. Fox St.
SU 9-1361
- 225. Empire Industries
3854 S. Jason
SU 9-0522
- 226. Fab Tool, Inc.
3711 S. Jason St.
SU 9-2808
- 227. Rocket Components Co.
2950 S. Fox St.
SU 9-2548
- 228. Western Oil Supply
3275 S. Santa Fe Dr.
SU 9-9725

GRAND JUNCTION

- 229. Bearings & Power Transmission Co.
761 S. Seventh St.

LAKEWOOD

- 230. Inland Associates
1480 Hoyt St.
BE 7-6881

LITTLETON

- 231. Micheles, Robert
5760 S. Cherokee
PY 4-1437
- 232. O. K. Service Co.
5150 S. Santa Fe

LONGMONT

- 233. Slack-Horner Brass Mfg. Co.
Second and Martin Sts.
P. O. Box 838
KE 4-1431

PUEBLO

- 234. Armor Supply Co.
164 S. Santa Fe Ave.

THORNTON

- 235. Hajek, Dick
1400 Ruth Dr.

WESTMINSTER

- 236. Walkwitz, Marvin
7980 Hooker

WHEATRIDGE

- 237. Coleman, H. Burr
7700 W. 48th St.
HA 4-2797

CONNECTICUT

ANSONIA

- 1. American Brass Co., The
75 Liberty St.
- 2. Farrel-Birmingham Co., Inc.
25 Main St.
RE 4-3331
- 3. Foy Electro-Chemical Co.
206 Main St.
P. O. Box 164
RE 5-3331
- 4. Heres DeWyk & Co., L.
89 Main St.
RE 4-5681
- 5. Liftig, Inc., Samuel J.
40 Platt St.
Phone: 5-1815—5-1816

AVON

- 6. Anocut Engineering Co.
Arch Rd.
OH 3-3607
- 7. Circo Equipment Co.
P. O. Box 406
OR 7-9175
- 8. Connecticut Industrial Supply Co., Inc.
Albany Turnpike
OR 7-0676
- 9. Dillberg, Paul
Box 434
OR 7-1621
- 10. Duff & Co., William K.
P. O. Box 406
OR 7-9175
- 11. Galvin, Harry
Arch Rd.
OR 3-3039
- 12. Machine Tool Sales Co.
P. O. Box 434
- 13. Maloney, Raymond
Wellington Heights Rd., R. F. D. #1
- 14. Montgomery, Hugh
Haynes Rd.
OR 3-3596
- 15. Smith Keser & Co.
College Hwy.
OL 8-4481

BERLIN

- 16. DeMore, George A.
121 Savage Hill Rd.

BETHEL

- 17. DeBree, John H.
12 Andrews St.
PI 3-5438

BLOOMFIELD

- 18. American Cam Co., Inc.
95 Granby St.
CH 2-5511
- 19. Bellows Co., The
867 Park Ave.
CH 2-1681
- 20. International Chemical Co., Inc.
48 Cottage Grove Cir.
CH 2-1947
- 21. Selas Corp. of America
860 Park Ave.
CH 2-2342

BRANFORD

- 22. Northeast-Brandt Co.
- 23. Precision Products, Inc.
65 South St.
HU 8-9521
- 24. Tyler, Richard
P. O. Box 21
HU 8-0454
- 25. VanCleaf & Co., Inc.
P. O. Box 247
HU 8-1656
- 26. Winship, Steel Sales, R. P.
88 Cherry Hill Apts.
HU 8-5940

BRIDGEPORT

- 27. Ackerlind Steel Co., Inc.
2131 Main St. (6)
ED 3-0776
- 28. Allen-Bradley Co.
1115 Main St. (3)
ED 3-7153
- 29. Allied Research Products, Inc.
107 Benedict Ave.
ED 3-4282
- 30. Allison-Campbell Div.
P. O. Box 430 (2)
FO 7-5351
- 31. Aluminum Co. of America
Atlantic St. (4)
FO 7-8651
- 32. Behn & Co., Inc., H. J.
P. O. Box 6276 (6)
FO 8-1676
- 33. Bellows Co., The
2992 Fairfield Ave. (5)
ED 3-5425
- 34. Bodine Corp., The
317 Mountain Grove St. (5)
ED 4-3108
- 35. Bridgeport Industrial Products
22 Cross St. (1)
P. O. Box 993
- 36. Bullard Co., The
286 Canfield Ave. (9)
ED 6-2511
- 37. Carpenter Steel Co., The
116 Front St. (6)
ED 6-1105
- 38. Clinton Equipment Sales, Inc.
570 Lindley St. (6)
- 39. Connecticut Welders Supply Co.
600 Waterview Ave.
- 40. Cosgrove Tool Supply Co.
96 N. Main St.
LU 2-7900
- 41. Cutting Tools, Inc.
609 Myrtle Ave. (4)
- 42. Davis, Inc., H. G.
195 Dewey St. (5)
- 43. Detrex Chemical Industries, Inc.
10 Whiting St.
ED 3-4167
- 44. Fluid Power Components, Inc.
283 Grand St. (4)
FO 8-3421
- 45. Foard & Co., F. C.
P. O. Box 481 (1)
- 46. Grant Manufacturing & Machine Co., The
70 Stillman Ave. (5)
FO 6-4557

CONNECTICUT

47. Grinding, Inc.
49 Summerfield Ave. (10)
48. Halpern & Co., Inc., Wm.
945 Main St.
49. Hawley Hardware Co.
1120 Main St. (1)
FO 6-4541
50. Hunter & Havens, Inc.
245 Water St. (1)
ED 4-4191
51. Industrial Lofting & Manufacturing Co.
139 Bay St.
ED 4-6136
52. Industrial Scale & Equipment Co.
740 Railroad Ave. (4)
ED 4-5185
53. Kalins & Co., J. M.
1575 Railroad Ave. (5)
ED 3-9405
54. Lindquist Hardware Co.
383-87 Fairfield Ave. (3)
FO 6-4361
55. Lucas & Co., Inc., Austin D.
125 Lindley St. (8)
FO 7-5301
56. Lucas & Son, Inc., J. L.
Post Rd. (5)
CL 9-3393
57. Metro Industrial Supplies
338 Connecticut Ave. (7)
58. Motor Equipment Co., Inc.
55 Crescent St. (8)
59. Olshan Hardware & Mill Supply
787 Main St. (4)
ED 3-4133
60. Oxy Acetylene Supply Co.
415 North Ave. (4)
61. Park City Supply Co.
57 Knowlton St. (8)
FO 8-2576
62. Parson Brothers
21-37 E. Washington Ave. (1)
ED 5-2131
63. Producto Machine Co., The
990 Housatonic Ave.
FO 7-8765
64. Salvo Tool & Engineering Co.
Noble Station, P. O. Box 2022
FO 8-6968
65. Sterling Electric Motors, Inc.
P. O. Box 1057 (1)
ED 5-4444
66. Sun Oil Co.
Newfield Station, Box 4084 (7)
FO 6-4361
67. Tamas, Michael C.
96 Wheeler Park (4)
ED 9-8659
68. Tek Bearing Co., Inc.
P. O. Box 72
DR 8-2611
69. Union Industrial Supply, Inc.
719 Connecticut Ave. (7)
ED 5-0134

BRISTOL

70. Bay State Abrasive Products Co.
105 Maple St.
LU 2-7451
71. Cosgrove Tool Supply Co.
96 N. Main St.
LU 2-7990
72. Field, Donald M.
240 Burlington Ave.
73. Lee, Fred W.
227 Fern Hill Rd.
LU 3-6644
74. MacDermid Sales & Equipment Corp.
LU 3-9269

BROOKFIELD

75. Wapakoneta Machine Co., The
Candlewood Shores
SP 5-9471

CANAAN

76. Hathaway Electronics, Inc., Glenn M.
P. O. Box 797
TA 4-7215

CHESHIRE

77. Cluney, John
436 Cedar La.
BR 2-4887
78. Grimes Engineering Corp., The
Box 233
BR 2-3211
79. O'Hara, Edward T.
Box 30
BR 2-8536
80. Smith Associates, H. P.
P. O. Box 125
81. Volosin, John
968 Coleman Rd.
BR 2-4578

CLINTON

82. New York & New Jersey Lubricant Co.
113 Harbor Pkwy.
MO 9-8972

COBALT

83. McShea, John E.
AN 7-9700

COLLINSVILLE

84. Libb Tool Co.
43 Gilderalee Ave.
P. O. Box 583
OW 3-4170
85. Shevlin Co., Arthur R.
2 Bridge St.
OW 3-4727

COVENTRY

86. Bramhall, Eugene K.
Parker Bridge Rd.

CROMWELL

87. Dee Engineering Co., Inc.
Timber Hill Rd.
DI 6-7196
88. Dohl, F. Martin
c/o Dee Engineering Co.
DI 6-7188
89. Morgan, Earl
122 Nooks Hill Rd.
DI 6-3287

DALLAS

90. Capewell Manufacturing Co., The
2516 Irving Blvd. (7)

DARIEN

91. Whelan Co., Robert M.
P. O. Box 25, Norton Heights Sta.
FI 8-3832

DAYVILLE

92. New York & New Jersey Lubricant Co.
R. F. D. #1
PR 4-9843

DERBY

93. Hallock Co., The F.
116 Main St.
RE 4-2531

DEVON

94. Vaughn, Paul R.
594 Naugatuck Ave., Box 141
TR 4-5768

EAST BERLIN

95. Fleber, Everett
VA 8-3280

EAST HARTFORD

96. Babson, Roger D.
221 Pitkin St.
BU 9-2251
97. Bristol Metal Working Equipment
35 Sullivan Dr.
Phone: 4-3644
98. Consolidated American Machinery Co.
221 Pitkin St.
BU 9-5401

99. Eastern Tool Co.
306 Tolland St. (8)
100. Federal Products Corp.
914 Main St. (8)
BU 9-0263
101. Hussey Co., Thomas F.
26 Saunders St. (8)
JA 8-3059
102. Kawie Tool Supply Co., Inc.
676 Tolland St.
BU 9-4301
103. Manufacturer's Equipment Co.
907 Forbes St.
JA 8-6626
104. Paton & Meegan
138 Silver La.
BU 9-4654—TR 4-2334
105. Upton, R.
208 Burke St.
BU 9-9064
106. Wetzel Tool Sales Co.
221 Pitkin St.
BU 9-2758

EASTON

107. Peters, Joseph D.
Birch Dr.
ED 9-6643

ELMWOOD

108. Atkins, Richard L.
Mapleridge Dr., R. F. D. #1 (10)
JA 3-7253
109. Fink Co., Herman R.
South Rd. (10)
OR 7-0823
110. Penniman, Elisha
Box 163

ESSEX

111. Meyers Associates, R. F.
P. O. Box 188
SO 7-1128

FAIRFIELD

112. Behn & Co., Inc., H. J.
750 State St.
113. Chappel & Co., L. H.
P. O. Box 505
CL 9-3319
114. Dillman, R. B.
70 Brookmere Dr.
CL 9-2775
115. Drew, John
49 Pratt St.
CL 9-8234
116. Ex-Cell-O Corp.
1490 Post Rd., P. O. Box 397
CL 9-9278
117. Halpern & Co., Wm.
1424 Post Rd.
118. Holm-Hansen Co., V.
17 Centerbrook Pl.
ED 3-9288
119. Horen Co., Robert H.
P. O. Box 1112
ED 6-3974
120. Horvath, John
688 Judd St.
ED 3-8971
121. Judge Tool Sales Co.
P. O. Box 63
CL 9-4926
122. Lavers & Co., R. A.
330 S. Benson Rd.
CL 9-3519
123. Lucas & Son, Inc., J. L.
CL 9-3393
124. Nininger, S. F.
Box 128
CL 9-7028
125. Patton, William H.
625 Hill Farm Rd.
CL 0-1300
126. Redmer Transmission Equipment
2185 Post Rd.
CL 9-5745
127. Rudel Machinery Co., Inc.
195 Rock Major Rd.
CL 9-9304

SALES OFFICES

CONNECTICUT

FAIRFIELD (cont.)

128. Seaburg, Harold E.
34 Smith St.
CL 9-3236
129. Wall & Schoen
211 Bullard Rd. (7)
ED 4-4282

FARMINGTON

130. Bauer Co., Philip J.
College Hwy.
OR 7-9368
131. Johnson, Arthur M.
62 Mountain Spring Rd.
AD 2-0857
132. Morris Co., The Robert E.
Farmington Ave. and Quarry Rd.
133. Whitton Co., The
OR 7-2807

FORESTVILLE

134. Clark, R. E.
181 Garden St.

GLASTONBURY

135. Machinery Engineering & Sales
P. O. Box 187
ME 3-1361
136. Meegan, Tom
279 Overlook Ave.
137. Palmer Co., Inc., R. T.
347A New London Turnpike
ME 3-7067
138. Paton, Harry
232 Dayton Rd.

GLENBROOK

139. Laminated Shim Co.
17 Union St.
DA 5-2831

GROTON

140. Smith & Klebes, Inc.
350 Mitchell St.

GUILFORD

141. Knapp Foundry Co., Inc.
200 Boston St.
GL 3-2744
142. Micromatic Hone Corp.
Boston Post Rd.
GL 3-2723

HAMDEN

143. Airoyal Co., The
1798 Dixwell Ave. (14)
CH 8-2224
144. Carroll, Edward
185 London Dr.
AT 8-0948
145. Coe & Brown Co.
1348 Dixwell Ave. (14)
P. O. Box 4331
146. Flagg Industrial Supply Co.
2331 Whitney Ave. (18)
P. O. Box 5325
147. General Scientific Equipment Co.
3011 Dixwell Ave. (18)
148. Gilbert & Richards, Inc.
2558 Whitney Ave., New Haven (18)
CH 8-5558
149. Halloran Equipment Co.
63 Mowry St. (18)
CH 8-3069
150. High Standard Manufacturing Corp.
1817 Dixwell Ave. (14)
CH 8-5531
151. I-T-E Circuit Breaker
2315 Whitney Ave. (18)
AT 8-9273
152. Leed & Co., H. A.
1685 Dixwell Ave. (14)
153. Northeast Sales Engineering Co.
3013 Dixwell Ave.
CH 8-4481
154. Pneumatic Products, Inc.
2497 Whitney Ave. (14)

155. Swindler, L. W.
84 Dunn Ct., Mt. Carmel
CH 8-3601

HARTFORD

156. Adelson-Werts Air Reduction Sales Co.
449 New Park Ave.
157. Air Reduction Sales Co.
449 New Park Ave.
AD 3-1238
158. Alemite Co.
320 Locust St. (14)
159. Allis-Chalmers Mfg. Co.
750 Main St.
CH 6-5675
160. Aluminum Co. of America
410 Asylum St. (3)
JA 5-2191
161. American Electric Supply
175 Ann St.
162. Ampco Metal, Inc.
65 Wells Rd.
JA 9-1094
163. Aro Equipment Corp.
125 Trumbull St., Room 202 (3)
CH 7-8301
164. Austin-Hastings, Inc.
122 E. Service Rd. (3)
JA 5-3100
165. Beacon Light & Supply
180 Walnut St. (5)
166. Bidwell Hardware Co.
1293 Main St.
167. Bidwell Rubber Co.
1297 Main St.
JA 2-3296
168. Blesso, Inc., Frank A.
296 Sheldon St. (14)
JA 7-6461
169. Blodgett & Clapp Co.
1419 Main St.
JA 2-9211
170. Bowman, Inc., A. D.
37 Greenfield St.
CH 7-3433
171. Bristol Metal Working Equipment Co.
534 Front St. (5)
172. Carpenter Steel Co., The
3284 Main St. (5)
JA 7-7174
173. Carrier Corp.
Rm 519, 36 Pearl St. (3)
CH 7-8107
174. Century Electric Co.
119 Ann St. (3)
CH 6-3405
175. Clare & Co., L.
P. O. Box 1416 (1)
AD 3-2340
176. Cleveland Automatic Machine Co.,
The
119 Ann St. (3)
CH 7-8580
177. Consolidated American Machinery of
Florida, Inc.
P. O. Box 67 (1)
178. Cosgrove, Jr., Joseph
53 Chatham St. (12)
JA 6-1770
179. Detrex Chemical Industries, Inc.
405 Farmington Ave.
AD 2-1993
180. DoALL Hartford Co.
607 New Park Ave. (10)
AD 3-6261
181. Elgin National Watch Co.
119 Ann St. (3)
CH 7-9654
182. Ensworth & Son, Inc., L. L.
270 Locust St. (1)
CH 9-7791
183. Esso Standard Oil Co.
1014 Wethersfield Ave. and S.
Meadows Rd. (1)
184. Faxon Engineering Corp.
P. O. Box 276, Station A, (6)
CH 9-7551
185. Foley, John A.
119 Ann St.
CH 7-6325
186. General Electric Co.
764 Asylum Ave. (5)
CH 6-6841
187. Gibson Engineering Co.
141 Washington St. (6)
CH 7-6919
188. Gisholt Machine Co.
945 Asylum Ave. (5)
JA 2-3535
189. Grant Supply Co., R. M.
65 Airport Rd. (1)
P. O. Box 722
JA 2-4288
190. H-B Machinery Co.
77 Fishery St. (1)
P. O. Box 445
CH 9-7679
191. Harris, Gordon W.
110 Airport Rd. (1)
JA 2-7211
192. Hartford Machine Screw Co.
P. O. Box 1440 (2)
JA 5-0821
193. Haviland, Paul G.
103 Woodbine St. (6)
194. Heppenstall Co.
945 Asylum Ave. (5)
CH 6-7434
195. Hope Rubber Co.
47 Airport Rd. (1)
196. Houghton & Co., E. F.
79 Farmington Ave. (5)
CH 7-0600
197. Instruments and Controls
541 Windsor St.
CH 6-7431
198. Jessop Steel Co.
111 Pearl St.
JA 7-8106
199. Jones, Roger C.
62 La Salle Rd. (7)
AD 3-5504
200. Landis Tool Co. Hartford Ofc.
945 Asylum Ave. (5)
JA 2-2632
- 200A. Latrobe Steel Co.
112 Prospect Ave.
201. Laurel Supply Co.
P. O. Box 898
AD 3-1218
202. Livingston, William
119 Ann St.
CH 7-1889
203. Oakite Products, Inc.
410 Asylum St. (3)
CH 7-8323
204. Plimpton & Hills Corp.
151 Earle St.
JA 2-4233
205. Pneumatic Engineering Co.
181 Homestead Ave. (12)
CH 7-1614
206. Presto Battery Service, Inc.
48 Edwards St. (1)
207. Rae Bearing Service
902 Wethersfield Ave.
208. Reutter, C. E.
6 Cherry St.
209. Reynolds Metals Co.
945 Asylum Ave.
CH 9-7567
210. Rockwell Co., The Stanley P.
296 Homestead Ave. (12)
CH 6-5621
211. Rudel Machinery Co., Inc.
7 S. Main St. (7)
AD 3-9637
212. Silliter-Holden, Inc.
433 New Park Ave. (1)
AD 2-4433
213. Smith Machinery Co., Lyman A.
179 Allyn St. (1)
JA 7-0105
214. Standard Foundry
186 Hamilton St.
CH 9-5664
215. Stevenson, Albert L.
26 Turwood St.
216. Stuart Oil Co., Ltd., D. A.
410 Asylum St. (3)
JA 7-1144

SALES OFFICES

217. Sullivan Tool & Supply, Inc.
P. O. Box 1020
218. Sun Oil Co.
Riverside Dr., E. Hartford
BU 9-0291
219. TEK Bearing Co., Inc.
1733 Park St. (6)
AD 3-4428
220. Tracy, Robinson & Williams Co.
110 Airport Rd. (1)
JA 2-7211
221. Union Carbide Plastics Co.
410 Asylum St. (3)
JA 5-3185
222. Universal-Cyclops Steel Corp.
75 Pearl St. (3)
CH 9-8613-14
223. Vibberts & Associates, George E.
139 Cheshire St.
JA 5-7753
224. Wales-STRIPPIT, Inc.
111 Pearl St.
CH 7-8278
225. Wetzel Tool Sales Co.
221 Pitkin St. (8)
BU 9-2748
226. Whitney Tool & Supply
1604 Broad St.
JA 5-2158
227. Zane Weldcraft Supplies, Inc.
47 Airport Rd. (14)
JA 2-4133

HAZARDVILLE

228. Anderson, Don
39 Putnam La.
Green Manorville

KENSINGTON

229. Stachelek, Norman
94 Kenwood St.
BA 3-7387

KENT

230. Eads, G. Vernon
WA 73-553

LITCHFIELD

231. Fabbri-Casadel & Associates
P. O. Box 536
JO 7-8625
232. Hearn Associates, G. Thomas
P. O. Box 418
JO 7-8860

MANCHESTER

233. Bernard Co., The
131 Charter Oak St.
MI 3-4833
234. Brightboy Industrial Div.
197 Vernon St.
235. Feingold, H. I.
521 E. Middle Turnpike
MI 3-4325
236. Gammons Hoaglund Co.
395 Main St.
MI 9-7343
237. Gay Engineering Co.
843 Main St.
MI 3-1501
238. General Tool Supply Co.
521 E. Middle Turnpike
MI 3-4325
239. Giroux, Fred
P. O. Box 609
MI 3-4461
240. Rylander, Jr., Harry
184 E. Middle Turnpike
MI 9-0471
241. Wesson Co.
61 Francis Ave.
MI 9-5941
242. Wilke Associates, T. E.
340 Porter St.
MI 9-9646

MANSFIELD CENTER

243. Nolan, Donald
Pinewood La.
244. Redlitz, Al.
Juniper La.

MERIDEN

245. Benson Co., Inc., E. M.
137 Colony St.
P. O. Box 883
BE 7-0672
246. Church & Morse, Inc.
41-49 S. Colony St.
BE 5-1621
247. Diefenbach, John S.
350 Lydale Pl.
BE 5-3155
248. King Co., R. W.
140 Preston Dr.
BE 5-4608
249. Production Equipment
401 Liberty St.
BE 5-5795
250. Sizer Mfg. Co.
35 Maple St.
251. Stevenson, Robert S.
58 Jeffrey La.
BE 7-6878
252. Youngberg Bros.
P. O. Box #702

MIDDLETOWN

253. Dittman & Greer, Inc.
33 Pleasant St.
DI 6-9606
254. Gotta & Landry
P. O. Box 140
178 Court St.
DI 6-2469
255. Harris, John O.
1 Glover Pl.
DI 7-2836
256. Jarvis Corp.
Pease Ave.
DI 7-3321

MILFORD

257. Drew Associates, Inc.
P. O. Box 432
TR 8-3129
258. Harlen Industrial Supply
458 Welch's Point Rd.
P. O. Box 501
TR 4-6226
259. Industrial Trucks, Inc.
66 Boston Post Rd., at West Ave.
TR 8-0691
260. Morris, Co., Robert E., The
953 Bridgeport Ave.
P. O. Box 248
TR 4-1601
261. Tri-City Mill Supplies
P. O. Box 5
262. U. S. Electrical Motors, Inc.
Old Gate La.
TR 4-2551

MYSTIC

263. Vars Industrial Supply
P. O. Box 295
33 Williams Ave.
JE 6-9613

NEW BRITAIN

264. Braeburn Alloy Steel Corp.
98 W. Main St.
BA 5-3527
265. Hyster Co.
238 Hartford Ave.
BA 9-0371
266. Kavin Sales Co.
81 W. Main St.
267. Mill Supplies, Inc.
230 South St.
P. O. Box 78
BA 3-2719
268. Milne & Co., Inc., A.
P. O. Box 1145
BA 3-4183
269. Nelles, Russell E.
39 Harrison St.
BA 5-0607
270. New Britain Machine Co., The
271. Smith & Klebes, Inc.
25 Bigelow St.
BA 9-6315

CONNECTICUT

272. Spring & Buckley, Inc.
45 Burrill St.
273. Union Manufacturing Co.
296 Church St.

NEW CANAAN

274. Spring, William S.
15 Elm Pl.
WO 6-1583

NEW HARTFORD

275. Heymann, Roy
Town Hill Rd.

NEW HAVEN

276. Airborne Instruments Lab.
2331 Whitney Ave. (18)
CH 8-6353
277. Air & Hydraulic Engineering Co.
96A Howe St.
LO 2-9931
278. Allis-Chalmers Manufacturing Co.,
265 Church St. (10)
ST 7-1176
279. Almco New Haven Branch
1012 State St.
280. American Supply Co., Inc.
232 Cedar St.
SP 7-4444
281. Asher, Carryl A.
Box 2995, Westville Station
FU 7-0543
282. Barker Co., E. L.
258 Church St.
LO 2-1731
283. Bellows Co., The
6 Broadway
CE 9-2952
284. Botwinik Bros., Inc.
333 Welton St. (9)
ST 7-5751
285. Bushnell Co., N. T.
289 State St.
LO 2-5194
286. Clough, Roy
152 Temple St. (10)
287. Colson Corp., The
265 Church St.
ST 7-0115
288. Eastern Machine Screw Corp.
22-48 Barclay St. (6)
ST 7-5724
289. Etter Engineering Co.
P. O. Box 1944 (9)
AT 8-1115
290. Flagg Industrial Supply Co.
2331 Whitney Ave.
CH 8-1175
291. General Electric Co.
129 Church St.
MA 4-4101
292. Giebel, Inc.
152 Temple St. (10)
LO 2-5149
293. Industrial Saw Co.
509 Grand Ave. (13)
Phone: 8-7441
294. Macalaster Bicknell Co.
181 Henry St.
295. Masten-Wright Corp.
P. O. Box 1896
AT 8-1638
296. Mersick & Co., The C. S.
278 State St.
UN 6-1112
297. Ober Co., The
Mt. Carmel P. O. Box 56 (18)
298. Oxy-Acetylene Supply Co.
347 Crown St.
299. Packtor Co., Bernard M.
Box 2988 Westville Station (15)
SP 7-5456
300. Pearson, Harold D.
513 Central Ave. (15)
FU 7-6612

SALES OFFICES

CONNECTICUT

NEW HAVEN (cont.)

- 301. Ferrigo, Inc.
300-10 Wooster St. (9)
P. O. Drawer 1926
Phone: 7-1233
- 302. Pragst, George G.
416 Crown St.
SP 6-4933
- 303. Reeves Pulley Co.
1192 Dixwell Ave., Room 205, (14)
ST 7-8277
- 304. Reutter Corp., C. E.
P. O. Box 2922, Westville Sta., Amity
Rd.
- 305. Rotor Tool Co., The
1260 Whitney Ave.
AT 8-1040
- 306. Stevens, Inc., Frederic B.
168 Brewery St.
UN 5-0501
- 307. TEK Bearing Co., Inc.
376 Lomard St.
SP 7-5567
- 308. Vandyck-Churchill Co.
42 Church St.
MA 4-1072
- 309. Wilkinson, J. D.
24 Lincoln St. (10)
UN 5-5050

NEWINGTON

- 310. Buckley, Wm. G.
P. O. Box 95 (11)
- 311. Fenn Manufacturing Co., The
Fenn Rd. (11)
MO 6-2471
- 312. Jowitt & Rodgers Co.
42 Groveland Ter.
AD 3-3902
- 313. Opsahl, Irving L.
129 Brentwood Rd.
- 314. Revere Copper & Brass, Inc.
81 Market Sq. (11)
- 315. Simpson, Walter
P. O. Box 144
- 316. Warner & Swasey Co., The
84 Market Sq.
P. O. Box 65 (11)
MO 6-0703

NEW LONDON

- 317. Auto Battery & Electric Co.
95-97 Truman St.
- 318. Williams Co., G. M.
47 State St.

NEWTON

- 319. Edwards, R. J.
Box 82
- 320. Pearson, Robert F.
P. O. Box 197
GA 6-9985

NEWTOWN

- 321. Dreyfuss, J. J.
R. F. D. #1
GA 6-9780
- 322. Hull, Milton F.
- 323. McKenzie Engineering Co., The
78 S. Main St.
GA 6-2563

NIANTIC

- 324. Michigan Abrasive Co.
Route #1, Box 277
PE 9-8228

NORTH HAVEN

- 325. Bamber Tool Supplies, Inc.
59 Broadway
CE 9-2561
- 325A Cleveland Tramrail Div.
Devine St.
- 326. Crucible Steel Co.
285 State St.
AT 8-2581

- 327. Currier Machine Sales, Inc.
376 State St.
CH 8-4475
- 328. Harris Co., Inc.
112 Quinnipiac Ave.
MA 4-5144
- 329. Lincoln Electric Co., The
381 State St.
AT 8-1737
- 330. Nickson Tool Sales Co.
170 Washington Ave.
CE 9-1661
- 331. Page, Steele & Flagg Co.
370 State St.
- 332. Spaulding-Moss Co.
55 Broadway
CE 9-2566
- 333. Waldron Co., Inc.
57 Broadway
CE 9-2509

NORWALK

- 334. B. G. Wholesales, Inc.
81 Main St.
- 335. Harrah, G.
James St.
VI 7-3344

OLD SAYBROOK

- 336. Jennings, Russell
P. O. Box 204
EV 8-9186

ORANGE

- 337. Harlen Industrial Supply Co.
540 Boston Post Rd.
TR 4-6226
- 338. New England Oven & Furnace Co.
Boston Post Rd., P. O. Box 723
SY 9-2005
- 339. Schenk, Charles
2 Tyler City Rd.
SY 5-9363
- 340. Wolfe & Associates, Paul E.
460 Ridge View Rd.
P. O. Box 632
SY 5-4343

PLAINVILLE

- 341. Abel Transmission, Inc.
33-37 W. Main St.
SH 7-1606
- 342. Ideal Machinery & Supply Co.
109 E. Main St.
SH 7-1651
- 343. Marlin-Rockwell Corp.
Woodford Ave.
SH 7-1771
- 344. Superior Steel Products Corp.
Lewis St.
SH 7-2761

PORTLAND

- 345. Stokes Corp., F. J.
252 Main St.
DI 6-2601

PUTNAM

- 346. Peckham, F. H.
Box 488
WA 8-7171

RIDGEFIELD

- 347. Benn, R. C.
72 Wilton Rd., West
ID 8-8492
- 348. Ray, T. F.
4 Poplar Rd.
ID 8-8004
- 349. Russell, Holbrook & Henderson, Inc.
72 Wilton Rd., West
ID 8-8492
- 350. Stalib, Joseph G.
P. O. Box 51
ID 8-8173

ROCKVILLE

- 351. Browne, William H.
53 Reed St.
TR 5-1294

ROCKY HILL

- 352. Beach, Evan G.
14 Glastonbury Ave.
JA 9-4127
- 353. Buckley & Co., Wm. G.
P. O. Box 226
CH 7-4239

SANDY HOOK

- 354. Ecsedy, R. N.
Riverside Dr.
GA 6-9895

SEYMOUR

- 355. Derby Castings Co., The
591 N. Main St.
TU 8-2581
- 356. Hush Co.
Rimmon Rd.
TU 8-2653

SHELTON

- 357. Apex Tool & Cutter Co., Inc., The
229 Canal St.
RE 4-5244
- 358. McComb Associates, R. J.
P. O. Box 29
M.H. 3-3421
- 359. Trico Manufacturing Co.
Bridgeport Ave., Box 509
ED 7-6214
- 360. Viking Tool Co., Inc.
1000 Nichols Rd.
RE 5-1873

SIMSBURY

- 361. Billard & Co., Curtis M.
9 Ridge Rd.
OL 8-7260
- 362. Delco Products Div.
920 Hopmeadow Rd.
OL 8-7611
- 363. Jackman, Arthur E.
42 Old Meadow Plain Rd.
OL 8-7415
- 364. Osterholm, G. R.
Westminster Cartway
OL 8-4960
- 365. Peters Co., Arthur M.
38 Ichabod
OL 8-5923
- 366. Russell, Holbrook & Henderson, Inc.
Westminster Cartway, R. R. 1
OL 8-4960
- 367. Specialty Saw & Tool Co.
P. O. Box 405
OL 8-4898
- 368. Stepat, Walter
175 Westogue St.
OL 8-5397
- 369. Ward, William B.
7 Springbrook La.
OL 8-7217

SOMERS

- 370. Higgins, Russell J.
P. O. Box 117
RI 9-7603

SOUTHINGTON

- 371. Aldi Co., James G.
108 Germania St.
- 372. Gibbs Wire & Steel Co.
West and Spring Sts.
MA 5-5674
- 373. Ingersoll-Rand Co.
129 Blatchley Ave.
MA 5-2625
- 374. Nienstadt, W. A.
Spring St.
MA 8-8749

SOUTHPORT

- 375. Dust Control Corp.
95 Harbor Rd.
CL 9-3349
- 376. Sanson, Edward J.
Taintor Dr.
CL 9-6484

SOUTH NORWALK

377. Albany Products Co.
Connecticut Ave.
378. Albertson & Co., Inc.
231 Connecticut Ave.
VO 6-5855
379. National Cored Forgings Co., Inc.
Connecticut Ave.

SPRINGDALE

380. Critides Machinery Co., C. G.
P. O. Box 62
DA 2-5349

STAMFORD

381. Brush Beryllium Co., The
Bedford and Fourth Sts.
WA 5-7500
382. Cahill & Son, C. E.
71 Federal St.
P. O. Box 1172
FL 8-5355
383. Connecticut Plumbing Supply Co.
P. O. Box 1215
11½ Chapel St.
DA 4-3103
384. Fuller, H. J.
1041 Summer St.
DA 3-1519
385. Leland Electric Co., The
25 Sixth St.
FI 8-9227
386. Lenk Co., Herbert
P. O. Box 57
27 Campbell Dr.
DA 4-5701
387. Martin Mill Supply Co.
201 Summer St.
Phone: 48-9261
388. Stokes Corp., F. J.
77 Bedford St.
DA 3-2335
389. Wagner Co., Harry W.
10 Brook St.
DA 4-7581
390. Yoder Co., The
503 Ridgeway Professional Bldg.
DA 4-3189

STRATFORD

391. Blakeslee & Co., G. S.
30 Moffatt St.
DR 8-4356
392. Ellsworth Steel Supply Co., The
1483 Stratford Ave.
ED 7-3317
393. Hanson-Van Winkle-Munning Co.
30 Moffatt St.
ED 7-4451
394. Horen Co., Robert H.
Dodge Ave.
DR 8-8484
395. Material Handling Sales Co.
Ecclesiastical La.
DR 8-7253
396. Pearse-Pearson Co.
2362 Main St.
DR 8-2992
397. Precision Tumbling & Supplies, Inc.
149 Ravenscrest Dr.
ED 7-7390
398. Roberts Rough Co., The
399. Schipul, H. W.
239 Housatonic Ave.
ED 7-9647
400. Screw Machine Tool Co.
P. O. Box 127
ED 7-5523
401. Smith, Eugene P.
1100 Essex Pl.
P. O. Box 127
ED 7-5525
402. Tek Bearing Co.
1795 Stratford Ave. (1)
P. O. Box 72
DR 8-2611
403. Weymouth, G.
600 Honeyspot Rd.
DR 8-7314

TARIFFVILLE

404. Nagy, R. J.
41 Main St.
OL 8-4419
405. Specialty Saw & Tool Co.
41 Main St.

TAFTVILLE

406. Taftville Welding Supply Co.
35 Jewett City Rd.

TORRINGTON

407. American Brass Co., The
179 Water St.
408. Guildford & Co., H. B.
46 Evans St.
P. O. Box 626
409. LeBlond Machine Tool Co., The R. K.
7 Mason St.
HU 2-6182
410. Torrington Chemical & Supply Co.
Hill Rd., R.F.D. 2
HU 2-6268

TRUMBULL

411. Magna Engineering Sales Co.
5900 Main St.
AM 8-5240
412. Palocsik, William J.
23 Gilbert Dr.
AM 8-4801

WALLINGFORD

413. Chicago Rawhide Manufacturing Co.
122 Ridgeway Rd.
CO 9-8793
414. Engineered Specialties Co.
Box 430
CO 9-2076
415. Ryerson & Son, Inc., Joseph T.
Box 188
CO 9-8744
416. Transmission Equipment Co. of Conn., Inc.
S. Colony Rd.
P. O. Box 429
CO 9-4468

WAPPING

417. Boucher, Norman E.
P. O. Box 12
MI 4-1185
418. DeMaio, J.
Birch Rd.
Spencer Heights
MI 4-1123

WATERBURY

419. American Brass Co., The
414 Meadow St. (20)
420. Anderson Tool Supply Co.
P. O. Box 1818 (20)
PL 4-2159
421. Angrave Co., G. R.
562 Huntingdon Ave.
422. Bowman, Inc., A. D.
P. O. Box 1550
PL 8-2435
423. Chase Brass & Copper Co.
40 E. Farm St.
PL 6-9444
424. Circo Equipment Co.
562 Huntingdon Ave.
PL 6-8151
425. Daly & Sons, Inc., M. J.
541 Bank St.
426. Detroit Mold Engineering Co.
63 N. Main St.
PL 3-7368
427. Direct Sales Co.
637 Watertown Ave. (8)
427A General Manufacturing Co.
65 N. Elm St.
428. Houghton & Co., E. F.
89 Lanyon Dr., Cheshire
BR 2-8240
429. Lea Manufacturing Co.
16 Cherry Ave. (20)
PL 3-5116

CONNECTICUT

430. MacDermid, Inc.
PL 4-6161
431. Proctor Co., C. D.
206 Meadow St. (2)
PL 6-8161
432. Swiss Machine Tool Co., Inc.
853 Hamilton Ave.
P. O. Box 3035
433. Tek Bearing Co., Inc.
69 Meriden Rd.
P. O. Box 3217
PL 3-2188
434. Templeton, Inc., Chas. A.
Meadow and Benedict Sts. (20)
PL 6-4691
435. Valley Mill Supply Co., The
P. O. Box 254 (20)
PL 3-5417
436. Waterbury Farrel Foundry & Machine Co.
PL 6-3621
437. White Supply Co.
397 Thomaston Ave.
PL 6-4412

WATERTOWN

438. Coon Co., Edward H.
30 Depot St.
439. Crafts Co., Inc., Arthur A.
Box 75
LU 2-7766
440. Young & Associates, Inc., W. Wirt
16 Echo Lake Rd.
CR 4-8841

WEATOCUE

441. Hartman, James F.
Box 364
OL 8-7690

WEST HARTFORD

442. Allis Co., The Louis
14 Oakwood Ave.
P. O. Box 356
JA 3-4281
443. Amplex Corp.
968 Farmington Ave. (7)
JA 3-1376
444. Antonez, Peter
35 Gifford Rd.
AD 3-7126
445. Barnes Corp., John S.
1000 Farmington Ave. (7)
AD 2-6582
446. Bertram & Co., Inc., Joseph H.
988 Farmington Ave. (7)
AD 3-9823
447. Bliss Co., E. W.
994 Farmington Ave. (7)
AD 6-2317
448. Buffalo Forge Co.
15 Oakwood Ave.
449. Bush Co., G. W.
601 New Park Ave.
JA 3-5279
450. Cincinnati Milling & Grinding Machines, Inc.
10 N. Main St. (7)
AD 3-6271
451. Comstock & Hotchkiss, Inc.
998 Farmington Ave. (7)
452. Cunningham Supply, Inc.
674 Oakwood Ave.
453. David, A. M.
480 S. Main St.
AD 2-3590
454. DoALL Hartford Co., The
607 New Park Ave. (10)
AD 3-6261
455. Eaton Co., The
39 Crestwood Rd.
456. Electro-Alloys Div.
62 La Salle Rd. (7)
AD 2-5691
457. Faxon Engineering Co., Inc.
467 New Park Ave.
CH 9-7551

SALES OFFICES

CONNECTICUT

WEST HARTFORD (cont.)

- 459. Firth Sterling, Inc.
25 Talcott Rd. (10)
JA 3-3266
- 459. Gourlie Co., W. H.
62 La Salle Rd. (7)
AD 6-2503
- 460. Grotheer, Alfred J.
101 Mohegan Dr.
AD 2-7063
- 461. Hammond, Lester H.
333 N. Steele Rd. (5)
JA 3-0943
- 462. Hardings Brothers, Inc.
278 Park Rd. (7)
JA 3-4291
- 463. Harrington Machinery Co.
62 LaSalle Rd.
AD 3-5501
- 464. Harrington-Wilson-Daum Corp.
62 LaSalle Rd.
AD 3-5501-2
- 465. Hart Pump Engineering Co.
P. O. Box 286 (7)
- 466. Huron Machine Products, Inc.
274 Park Rd.
AD 3-7621
- 467. Industrial Safety Supply Co., Inc.
374 New Park Ave. (10)
- 468. Jones Agency, The Robert M.
46 Mountain Rd.
JA 3-4574
- 469. Johnston, Robert D.
P. O. Box 321
AD 2-2576
- 470. Kosowicz, Fran
2 Madsen Rd. (10)
AD 3-7883
- 471. Laurel Supply Corp.
557 New Park Ave.
P. O. Box 888
AD 3-1218
- 472. Leeds & Northrup Co.
10 N. Main St. (7)
AD 2-4474
- 473. Lennie, James B.
22 Walton Dr. (7)
AD 3-4302
- 474. Machine Tool Sales
P. O. Box 426
- 475. Merrill, Melville L.
124 LaSalle Rd. (7)
AD 3-1798
- 476. Morris & Co., Ray H.
Box 155, Elmwood Br.
69 Prospect Ave.
AD 2-4467
- 477. Morris Co., The Robert E.
P. O. Box 41
967 Farmington Ave. (7)
AD 3-3663
- 477A. Nankervis Co., George L.
45 Wilfred St. (10)
- 478. Nielsen Hydraulic Equipment, Inc.
9 Grassmere Ave.
AD 3-2691
- 479. Norton Co.
Box 67, 1007 Farmington Ave. (7)
JA 3-0978
- 479A. Ohio Crankshaft Co., The
62 LaSalle Rd., Room 207
- 480. Olsen Tool & Supply Co.
14 Oakwood Ave. (7)
AD 6-2554
- 481. Parsons Diamond Products, Inc.
22 Grassmere Ave. (10)
AD 6-2303
- 482. Pearse-Pearson Co.
1005B Farmington Ave., Plaza (7)
JA 3-5261
- 483. Peniman, Elisha
460 S. Main St. (10)
AD 3-3994
- 484. Peterson, C. A.
557 New Park Ave.
- 485. Phelan, Chas. A.
8 Shafy La.

- 486. Pratt & Whitney Co., Inc.
505 Oakwood Ave. (1)
AD 3-7361
- 487. Rudel Machinery Co., Inc.
7 S. Main St. (7)
P. O. Box 14
AD 3-9637
- 488. Savery Tool Sales Co.
62 LaSalle Rd. (7)
AD 3-1330
- 489. Schaefer Sales Co.
P. O. Box 23
AD 3-2748
- 490. Secor, R. W.
66 Brightwood La.
- 491. Silliter Holden, Inc.
433 New Park Ave.
- 492. Smit & Sons, Inc., J. K.
208 Professional Bldg. (7)
AD 2-3765
- 493. Smith Co., Beverly D.
62 LaSalle Rd.
- 494. Smith Associates, Earl Elwyn
7 S. Main St. (7)
AD 6-3521
- 495. Standard Die Set Co.
988 New Britain Ave.
JA 7-5246
- 496. Standard Gage Co., Inc.
998 Farmington Ave.
AD 6-1166
- 497. Stevens Machinery Co., Owen C.
P. O. Box 228
76 LaSalle Rd.
AD 3-3659
- 498. Syntrol Connecticut Sales Co.
7 S. Main St., Room 205 (7)
AD 3-3269
- 499. Tarpy, Roger M.
130 Walden St., Box 297
AD 2-9436
- 500. Thomas Co., Kenneth F.
62 LaSalle Rd. (7)
AD 3-8547
- 500A. Van De Water-Schmidt & Co., Inc.
181 Park Rd. (7)
AD 3-6347
- 501. Wellington Supply Co., The
1052 New Britain Ave. (10)
AD 3-4457
- 502. Whitney Tool & Supply Co.
85 Prospect Ave.

WEST HAVEN

- 503. Butterfield, Raymond V.
380 Union Ave. (16)
WE 4-1467
- 504. Machinery Dealers, Inc.
Wood St. & First Ave.
WE 3-2535
- 505. Merriam Co., Fuller
P. O. Box 69
70 Water St. (16)

WESTPORT

- 506. De Laval Separator Co., The
22 Juniper Rd.
CA 7-6654

WEST REDDING

- 507. Pattison, Robert W.
P. O. Box 11
WE 8-2323

WETHERSFIELD

- 508. Barksdale Co.
82 Collier Rd.
JA 9-5391
- 509. Belsei Machinery Co.
P. O. Box 161
JA 9-4207
- 510. Fippinger, Fred
59 Farmingdale Rd.
JA 9-3794
- 511. Furey & Son, Inc., John
264 W. Heimfield Rd.
JA 9-0356
- 512. Hammeal, C. M.
99 Robbins Dr. (9)
JA 9-2980

- 513. Marathon Electric Mfg. Corp.
P. O. Box 144
163 Main St. (9)
JA 9-9910
- 514. Terhune, Norman B.
134 Forest Dr.
JA 9-9909

WILTON

- 515. Oxenham, A. J.
14 Valeview Rd.
PO 2-5051
- 516. Thornton, Donald B.
Linden Tree Rd.
PO 2-5433

WINDSOR

- 517. Carlson Co., J. L.
P. O. Box 142
MU 8-4331
- 518. Chagnon Co.
70 Mack St.
MU 8-1446
- 519. Durnford, F. A.
34 Giddings Ave.
MU 8-3546
- 520. Whitehead Metals, Inc.
Hartford-Springfield Expressway
MU 8-4921

WINDSOR LOCKS

- 521. Benson, Roland
73 Circle Dr.
NA 3-7998

DELAWARE

DOVER

- 1. Vosheil Brothers Welding Co.
Dover St. and S. Governor Ave.

HARRINGTON

- 2. Callis-Thompson, Inc.
¼ Mile S. on Route #13

MIDDLETON

- 3. White Brothers Supply Co.

WILMINGTON

- 4. Allison, Edward A.
1201 Jefferson St. (1)
OL 6-0676
- 5. Aluminum Co. of America
1402 Delaware Trust Bldg. (1)
OL 6-6643
- 6. Anchor Welding Supply
1330 Thatcher St.
- 7. Bearings, Inc.
16th and Governor Printz Blvd.
P. O. Box 247
OL 6-2511
- 8. Briggs Rubber Co.
S. Cleveland at Lancaster Ave.
OL 4-6286
- 10. Esso Standard Oil Co.
S. Market & C Sts. (99)
- 11. Holloway Brothers Tools, Inc.
4416 Kirkwood (3)
P. O. Box 86
WY 4-5768
- 12. Hudson Supply Co.
117 Market St. (99)
OL 6-8206
- 13. Lindsay-Oberholzer Corp.
10 "A" St.
OL 6-5461
- 14. Monaco, Jack
1526 W. Seventh St.
OL 2-4169
- 15. Pyles East Coast Co.
2711 Market St. (2)
OL 8-7502
- 16. Syntrol Philadelphia Sales Co.
2513 N. Broom St. (2)
OL 5-0508
- 17. Urie & Blanton
510 "A" St.

DISTRICT OF COLUMBIA

WASHINGTON

1. Air Reduction Sales Co.
1029 Vermont Ave., North West (5)
ME 5-5155
2. Allegheny Ludlum Steel Corp.
1001 15th St., North West (5)
EX 3-4232
3. Allis-Chalmers Manufacturing Co.
777 14th St., North West (5)
EX 3-2800
4. Aloe Co., A. S.
1501 14th St., North West
5. Alpha Instrument Co., Inc.
1213 20th St., North West (6)
RE 7-0570
6. Aluminum Co. of America
1200 Ring Bldg. (6)
DI 7-9400
7. American Brass Co., The
1511 "K" St., North West
8. American Machinery & Supply Co.
1812 "N" St., North West (6)
ST 3-7915
9. American Machinery & Supply Co.
1237 22nd St., North West (7)
10. Aro Equipment Corp.
2119 New York Ave., North East (2)
LA 6-0070
11. Baldwin Lima Hamilton Corp.
1000 Connecticut Ave., North West (5)
EX 3-3858
12. Bausch & Lomb Optical Co.
1324 Eye St. (5)
RE 7-1818
13. Bel Welding & Supply Co., Inc.
1921 47th Ave., North East (27)
SP 3-5300
14. Booth, Jr., H. T.
927 15th St. (5)
ME 8-3613
15. Bridgeport Brass Co.
777 14th St., North West (5)
16. Brooks & Perkins, Inc.
261 Constitution Ave. (1)
ST 3-7792
17. Caffery Glassie Co., Don
1833 Jefferson Pl., North West (6)
NA 8-3836, -7, -8
18. Carey Machinery & Supply Co.
2361 Sherman Ave., North West (1)
DU 7-2204
19. Carrier Corp.
930 Investment Bldg. (5)
EX 3-5540
20. Chandler & Co., Arthur L.
Mills Bldg. (6)
ST 3-7285
21. Chesapeake Machinery Co.
EN 1-6105
22. Colson Corp., The
17th and Pennsylvania Ave.,
North West (6)
EX 3-2526
23. Commercial Engineering Co., Inc.
1627 "K" St., North West (6)
NA 8-9238
24. Consolidated Electrodynamics Corp.
711 14th St., North West
25. Crucible Steel Co.
934 Shoreham Bldg. (5)
NA 8-7606
26. Day, Irving M.
723 Mills Bldg. (6)
ST 3-2982
27. Delaware Valley Machinery, Inc.
New York Ave. at 15th St.
NA 8-2425
28. Dietzen Co., Eugene
407 Tenth St., North West (4)
DI 7-7560
29. Eclipse Air Brush Co.
1108 Ninth St., North West (1)
30. Elliott Co., The J. H.
2101 New York Ave., North East (2)
LA 6-5510
31. Esso Standard Oil Co.
261 Constitution Ave., North West (13)
32. Ex-Cell-O Corp.
815 15th St., North West
NA 8-0771
33. Fairbanks, Morse & Co.
1012 14th St., North West (5)
DI 7-6894
34. Fries, Beall & Sharp Co., Inc.
734 Tenth St., North West
35. Fritter & Son, L. A.
127 Seventh South East (3)
36. Gardner-Denver Co.
6200 Chillum Pl., North West (11)
RA 3-6366
37. General Electric Co.
777 14th St., North West (5)
EX 3-3600
38. General Engineering & Sales Co.
725 15th St., North West (3)
Room 501
NA 8-1005
39. Greene, Gilbert M.
4630 Davenport St., North West
40. Government Sales
Transportation Bldg. (6)
41. Harnischfeger Corp.
1029 Vermont Ave., North West (5)
NA 8-5455
42. Harrison Engineering Services
305 Mills Bldg. (6)
DI 7-3309
43. Hatfield Co., R. E.
1009 National Press Bldg. (4)
ME 8-0221
44. Herrity, John J.
National Press Club Bldg. (4)
NA 8-6561
45. Hitchcock & Associates, E. R.
734 15th St., North West
EX 3-5635
46. Howe Co., Lyle F.
6230 Third St., North West
47. Howells, Henry C.
New York Ave. at 15th St.,
North West (5)
NA 8-2425
48. IBM Corp.
2251 Wisconsin Ave., North West (7)
FE 7-1600
49. I-T-E Circuit Breaker
1012 14th St., North West (5)
DI 7-2326
50. Industrial Associates, Inc.
826 Connecticut Ave. (6)
ME 8-4543
51. Industrial Sales Co.
1507 "M" St., North West (5)
AD 4-5700
52. Ingersoll-Rand Co.
Heurich Bldg.
1627 "K" St., North West (6)
NA 8-5065
53. Jack & Heintz, Inc.
Washington National Airport (1)
DI 7-5514-7-5515
54. Jessop Steel Co.
747 Washington Bldg.
RE 7-2845
55. Jodon, Inc., F. R.
8510 Beech Tree Rd., (14)
EM 5-1515
56. Jones & Laughlin Steel Corp.
1625 "K" St., North West (6)
NA 8-4101
57. Koehler Aircraft Products Co., Inc.
1627 "K" St., North West (6)
58. Korfund Co., Inc., The
1420 New York Ave., North West (5)
ST 3-7959
59. Lincoln Electric Co., The
3045 "K" St., North West (7)
FE 7-1228
60. Linde Co.
777 14th St., North West
EX 3-7755
61. Lyon, Conklin & Co., Inc.
711 Edgewood St., North East (17)
HU 2-4370
62. Lyon Metal Products, Inc.
825 Woodward Bldg.
15th & "H" Sts., North West (5)
NA 8-6459
63. Maguire Co., J. J.
742 Investment Bldg. (3)
NA 8-4247
64. Malloy Co., John
1245 Forest St., South East (3)
LI 7-2292
65. Mount, S. W.
National Press Bldg. (4)
66. Mueller Brass Co.
15th and "H" Sts., North West (5)
EX 3-4045
67. Mullen, Joseph W.
1346 Connecticut Ave., North West (6)
CO 5-5340
68. Noland Co., Inc.
136 "K" St., North East (13)
ST 3-0050
69. Ozalid Branch Office
1107 19th St., North West (6)
EX 3-6710
70. Payne Co., Ralph W.
613 15th St., North West (5)
NA 8-1292
71. Potomac Industrial Trucks, Inc.
1263 First St., South East
72. Potomac Rubber Co.
24 Kennedy St., North West
TU 2-4566
73. Pur-O-Lator Products, Inc.
Room 300-2
927 15th St., North West (5)
74. R & M Saw & Tool Co.
448 Eye St., North West (1)
ST 3-0958
75. Reliance Electric & Engineering Co.
1025 Connecticut Ave. (6)
RE 1-4261-7-4262
76. Republic Steel Corp.
Commonwealth Bldg. (6)
NA 8-5990
77. Resistoflex Corp.
733 15th St., North West (5)
EX 3-1174
78. Reynolds Metals Co.
503 World Center Bldg. (6)
NA 8-5336
79. Robertson Co., Arthur I.
1108 Ninth St., North West
80. Rosan, Inc.
81. Rudolph & West
605-11 Rhode Island Ave., North East
82. Schramm, Inc.
1254 23rd St., North West (7)
FE 3-7280
83. Sciaky Bros., Inc.
1500 Massachusetts Ave.,
North West (5)
CO 5-5610
84. Sexton & Peake, Inc.
1025 Connecticut Ave.,
North West (6)
ST 3-4463
85. Sharon Steel Corp.
1001 Connecticut Ave., (6)
86. Soraghan & Assoc., Joseph C.
1413 "K" St., North West (6)
3-3612
87. Southern Oxygen Co.
P. O. Box #5087 (19)
88. Standard Automotive Supply Co., Inc.
1835 14th St., North West (9)
89. Summerbell Co., William E.
Dupont Circle Bldg. (6)
HU 3-3354
90. Sun Oil Co.
1625 "K" St., North West
NA 8-3286
91. Terry, Inc.
1242 20th St., North West (6)
DI 7-6960
92. Thompson & Cooke, Inc.
1218 11th St., South East (3)
LI 4-3458
93. Torrington Co., The
1511 "K" St., North West (5)
ST 3-1780

SALES OFFICES

DISTRICT OF COLUMBIA

WASHINGTON (cont.)

94. Universal-Cyclops Steel Corp.
1025 Connecticut Ave. (6)
EX 3-3222
95. Viereck & Co., George E.
1507 "M" St., North West (5)
CO 5-5034
96. Warner Co., Inc., George Washington
1327 Constitution Ave., North East (2)
LI 6-1063
97. Washington-Imperial Co.
1237 22nd St., North West (7)
ST 3-7913
98. Werres Co., Inc., Paul H.
1832 "M" St., North West (6)
NA 8-5810
99. Western Industrial Products
1012 "H" St., North West (1)
100. Westinghouse Air Brake Co.
1200 18th St., North West (6)
RE 7-7445
101. Wilkinson, L. A.
4740 Connecticut Ave., North West (8)
EM 3-6411
102. Worthington Corp.
1140 Woodward Bldg.
15th and "H" Sts., North West (5)
103. Wright, Spence H.
815 15th St., North West (5)
NA 8-0770-8-0771
104. York Corrugating Co.
1933 Montana Ave., North East (2)
LA 6-3720

FLORIDA

ANNA MARIA

1. Huck Manufacturing Co.
P. O. Box 955
Phone: 9-4143

AUBURNDALE

2. Florida Tire Supply Co.
118 Howard St.

BOCA RATON

3. Aeromark Corp.
N. W. 29th St. and N. W. 7th Ave.
Boca Airbase
4. Pohl & Assoc., Walter M.
105 E. Palmetto Park Rd.
Phone: 4179

BRADENTON

5. Kerns Co., L. R.
1003 8th Ave., West
Phone: 3-7801
6. Kleckler, Harry
2202 20th St., West
Phone: 5-8031
7. Production Tools & Gages
2002 14th Ave., West
Phone: 5-9661
8. Watkins, Jack B.
2202 14th Ave., West
Phone: 5-9661
9. Whitaker, A. K.
1315 21st St., West
Phone: 6-3995

CLEARWATER

- 9A. Galleher Co., J. J.
617 Cleveland St.
P. O. Box *1376
10. Ju-No Supply Co.
1705 Clearwater-Largo Rd.
P. O. Box 1116
Phone: 3-9551
11. Nelson Stud Welding
Phone: 3-2546
12. New Departure Div.
1152 Cleveland St.
CL 29-8221
13. Pinellas Lumber Co.
602 Jeffords St.

14. Savage, Ira M.
1360 Woodbine St.
CL 35-8642
15. Wimberly, W. Ben
532 S. Fort Harrison Ave.
JU 4-6618

COCOA

16. Christopher Co. of Cocoa, Inc., J. G.
534 St. John St.
P. O. Box 668
Phone: 2340

COCOA BEACH

17. Cameron & Barkley Co., The
Jayman Bldg.
18. Specialized Electronics
1301 Bayshore Dr.
SU 3-2088
19. Specialized Equipment Corp.
P. O. Box 323
SU 1-3462

CORAL GABLES

20. Briggs Filtration Co.
810 Santiago St.
244 Candia Ave.
21. Freebert, Roger M.
22. Mackay, G. F.
P. O. Box 174
PL 7-4511—MO 5-1965
23. Morton Machinery Sales
P. O. Box 604
MO 7-5392
24. Payne Tool & Engineering Co., The
201-202 LeBlond Bldg.
HI 4-4194
25. Pearce Tool & Gage Co.
154 Giralda Ave.

DANIA

26. Scheer, H. J.
P. O. Box 364
WA 3-2715
27. Thomson Manufacturing Co.,
Judson L.
35 S. W. 5th St.

DAYTONA BEACH

28. Steier, A. G.
CL 2-3433

DEERFIELD BEACH

29. Hassberger, W. A.
Phone: 3063

DeLAND

30. Ferns, Chester K.
221 S. High St.

DELRAY BEACH

31. Killermann, Adam H.
144 N. W. 16th St.
CR 6-7936

FORT LAUDERDALE

32. Barett, A. M.
Box 8562
LU 1-0657
33. Barnes Material Handling, Inc.
941 N. E. 19th Ave.
34. Consolidated Equipment Co.
819 Progress Dr.
JA 3-5053
35. Duncan-Edward Co.
S. Andrew at 6th St.
JA 2-1461
36. Hoyos, Louis G.
1212 N. East 15th Ave.
Wilton Manor
LO 6-2771
37. Industrial Associates, Inc.
2543 Sugarloaf La.
LU 3-5874
38. Industrial Cutter & Supply
3961 S. W. 12th Ct.
LU 3-1418
39. Jubell, Harry G.
3037 Harbor Dr.
JA 4-4549

40. Kenco Industrial Equipment
Federal Hwy. and Oakland Blvd.
P. O. Box 4663
JA 3-7580
41. Lauderdale Tools
724 Orchard Dr.
P. O. Box 8303
LU 3-5674
42. Pfanner, John H.
2543 Sugarloaf La.
LU 3-5674
43. Scharfawerdt, Jr., Edw.
1320 N. W. 20th St.
44. Smith, W. Chester
207 E. Broward Blvd.
JA 4-7172
45. Southeast Machinery Co.
1525 S. Andrews St.
JA 3-3429
46. Tri-State Manufacturing &
Engineering Co., Inc.
815 N. W. Sixth Ave.
Phone 3-8618
47. Yetman, C. Douglas
Bahia Mar Yacht Basin
P. O. Box 3943

FORT PIERCE

48. Marshall, H. H.
Route #2, Box 6478
HO 4-0573

FORT WALTON

49. Taylor Parts & Supply Co., Inc.

GAINESVILLE

50. Bridges & Associates, Roy
1202 S. W. First

GULF BREEZE

51. Crane Packing Co.
201 Arloa Dr.
YE 3-3244

HIALEAH

52. Active Tool & Die Co.
4653 E. Tenth La.
53. Bolt, E. E.
6626 W. 11th Ct.
TU 7-7175
54. Circo Equipment Co.
4348 E. Tenth Ct.
MU 1-8531
55. Fullerton Metals Co.
915 W. 20th St.
TU 8-8424
56. Howarth Machine Tool Sales
1101 E. 25th
57. JCS Engineering & Dev. Corp.
211 W. 22nd St.
- 57A. Latrobe Steel Co.
4342 E. Tenth Ct.
58. Lyons Machinery, Inc.
30 To To Lo Chee Dr.
TU 8-4212
59. Marshall Bolt & Nut Co.
839 S. E. 9th Ct.
TU 8-6466
60. Miami Cutter Grinding Co.
450 E. 25th St.
61. Vee-A Materials Handling, Inc.
1025 E. 30th St.
TU 8-8447

HOLLYWOOD

62. D. G. Machinery & Gage Co.
1030 N. 11th Ct.

JACKSONVILLE

63. Aenechbacher, H. E.
2137 Chaseville Rd. (11)
RA 4-7925
64. Air & Hydraulics Engineering, Inc.
P. O. Box 432 (1)
EL 4-8484
65. Airborne Instruments Lab.
P. O. Box 8334 (11)
66. Alemite Co.
825 Florida Ave. (1)

FLORIDA

67. Allis-Chalmers Manufacturing Co.
1628 San Marco Blvd. (7)
EX 8-6441
68. Atlantic Coatings Co.
2339 W. Beaver St. (3)
EV 7-2568
69. Baisden & Co.
2316 Villanova
PO 4-6416
70. Boswell Supply Co.
11 Florida Ave.
71. Cameron & Barkley Co.
605 E. Forsyth St. (1)
EL 6-0211
72. Carrier Corp.
5545 Arlington Rd. (11)
P. O. Box 8711
RA 5-3844
73. Chain Belt Co.
1746 E. Adams St. (2)
EL 3-5730
74. Chainveyor Corp.
1306 Oak Haven Rd. (11)
RA 4-5905
75. Christopher Co., J. G.
416-422 E. Bay St. (1)
EL 3-3961
76. Consolidated Service Co.
400 N. Myrtle Ave. (7)
77. Curtin & Sons, Inc., R. B.
511 Champton St.
EL 5-0253
78. Curtin & Co., W. H.
P. O. Box 606
79. Davis & Marr Supply Co.
P. O. Box 2068 (5)
80. Dixie Bearings, Inc.
1826 Ionia St.
EL 5-1387
81. Fairbanks, Morse & Co.
533 Stevens St. (5)
EV 8-7648
82. Famco Machine Co.
6644 Ector Pl.
RA 4-3686
83. Farmer Co. of Florida, C. W.
109 Stockton St., P. O. Drawer "Q"
EL 5-7525
84. Farquhar Machinery Co.
2120 Market St. (6)
Box 3275, Station "F"
EL 5-6471
85. Florida Equipment Co.
Box 2210 (3)
86. Florida Petroleum Equipment, Inc.
3806 Talleyrand Ave.
87. General Electric Co.
1901 Hill St. (6)
EL 6-8496
88. Georgia Supply Co.
821 Bay St. East
89. Hartman, Lester J.
4911 Apache Ave. (5)
EV 8-2841
90. Holley-Edwards Sales, Inc.
1738 E. Adams St.
EL 5-1671
91. Houghton & Co., E. F.
2814 Ionic Ave.
EV 7-3911
92. Hubbard Co., S. B.
36-38 W. Bay St. (1)
Phone: 3-7311
93. Kennametal, Inc.
1062 W. Adams St. (4)
EL 6-0985
94. Koehler Aircraft Products Co.
1217 Underhill (11)
95. Lewis, Charles A.
6644 Ector Pl.
RA 4-3686
96. Lincoln Electric Co., The
6243 Colgate Rd. (7)
EL 6-6773
97. Linde Co.
2410 Dennis St. (3)
EL 6-3058
98. M-H Industrial Equipment Co.
1062 West Adams St. (4)
EL 3-1229

99. Matthews & Co., James H.
810 Flagler Ave. (7)
EX 8-4557
100. Moffatt Bearings Co.
1654 Walnut St. (2)
P. O. Box 6557
101. Morgans, Inc.
5270 W. Beaver St.
EL 6-3357
102. Noland Co., Inc.
929 East Bay St. (2)
103. Norma-Hoffmann Bearings Corp.
4165 Spring Glen Rd.
EX 8-0294
104. Palmer Machinery Co.
P. O. Drawer 7188 (10)
HE 6-6744
105. Parker & Mick Welding & Machine
Works
3451 W. Beaver St. (5)
EV 7-5518
106. Petroleum Engineering Co., Inc.
P. O. Box 1973 (1)
107. Pritchard Co., A. L.
1738 E. Adams St. (1)
EL 5-1671
108. Reeves Pulley Co.,
5557 Arlington Rd. (11)
RA 4-7080
109. Reichold Chemicals, Inc.
W. Beaver St.
P. O. Box 6427 (5)
EV 9-8831
110. Reliance Electric & Engineering Co.
5557 Arlington Rd. (11)
111. Remington Arms Co., Inc.
641 Miami Rd. (7)
FL 9-4252
112. Scott Machine Tool Co.
111 Legay Ave. (5)
EV 4-1902
113. Sinclair Refining Co.
P. O. Box 4009 (1)
114. Smith & Co., Robert P.
1446 June St. (7)
EX 8-0531
115. Snap-on Tools Corp.
1601 Walnut St. (6)
EL 4-4469
116. Sun Oil Co.
1939 Hendricks Ave. (7)
EX 8-5715
117. Taylor Industrial Equipment
Arnot Bldg.
CH 9-2417
118. Tischer, Richard A.
2444 Mercer Cir., South (7)
EX 8-0314
119. Tull Metal & Supply Co., J. M.
5336 Highway Ave. (5)
EV 7-5561
120. Turner Electric Works
1020 E. Eighth St.
P. O. Box 4247
EL 3-3661
121. United Marine & Engineering Co.,
Inc., Corner Gary and Larue
P. O. Box 5483
EX 8-9640
122. Vascoloy-Ramet Corp.
2316 Villanova
PO 4-6416
123. Wallace Equipment Co.
Foot of W. Adams St. (4)
124. Wallis Co., J. B.
218 W. Adams St. (2)
EL 5-9790
125. Ward Engineering Co., Inc.
2727 Phyllis St. (2)
EV 8-7656
126. Warner, H. C.
1715 Lorimer Rd.
Box 5801
FL 9-3266
127. Westinghouse Air Brake Co.
1077 Kings Ave., Room 204 (7)
EX 8-3289
128. Wiltshire Gooden Paint Co.
539 E. Bay St.

JUPITER

129. Pratt & Whitney Co., Inc.
8 Fifth St.
Box 759
JU 4535

LAKELAND

130. Equipment Service, Inc.
809 S. Pennsylvania Ave.
131. Food Machinery & Chemical Corp.
Florida Div.
132. Halliday Co., Inc., Alfred
211½ S. Tennessee Ave.
P. O. Box 1563
MU 9-3901
133. Linder Industrial Machinery Co.
Mulberry Rd.
P. O. Box 2037
134. Mine & Mill Supply Co.
301 S. Central St.
135. Wakeman Corp.
P. O. Box 2188
MU 2-0311

LAKE WORTH

136. Mankus, Stanley
1411 Crest Dr.
JU 5-2202
137. Southern Ind. Tool Machine Co.
2500 Park Ave.
JU 2-1510
138. Tool Associates, Inc.
8 S. "J" St.
JU 5-4789

LARGO

139. Margot, W. G.
2238 Duncan Dr.
CL 30-8981

LAUDERDALE BY THE SEA

140. Consolidated Equipment Corp.
240 Basin Dr.
141. Paineaud, Philip A.
4541 Bouganville Dr.

MIAMI

142. A & W Engineering Co.
P. O. Box 96, Riverside Station (35)
2222 N. W. 14th St.
143. Ace Plastic Materials
5541 N. W. 37th Ave.
NE 4-1321
144. Acme Die & Supply Co.
3754 N. W. 80th St. (47)
PL 4-1296
145. Aero Hardware & Supply Co.
P. O. Box 482 (48)
TU 2414
146. Air Equipment Co.
5768 S. W. 58th Ter.
147. Airwork Corp.
Int'l. Airport Br., Box 194 (48)
Phone: 88-3467
148. Allis-Chalmers Manufacturing Co.
25 S. E. 2nd Ave. (32)
FR 9-5691
149. Aluminum Co. of America
1605 Alfred I. Du Pont Bldg. (32)
FR 3-7441
150. Atlas Screw & Specialty Co., Inc.
3661 N. W. 48th St.
NE 5-2597
151. Barnes Material Handling, Inc.
2233 N. W. 1st Ct.
152. Bellows Co., The
561 N. E. 79th St.
PL 4-4427
153. Berner-Pease Co., Inc.
3721 N. E. 2nd Ave. (37)
FR 3-6351
154. Black & Decker Manufacturing Co.,
The
3900 N. W. Seventh Ave. (37)
PL 4-5517

SALES OFFICES

FLORIDA

MIAMI (cont.)

155. Brammer Co., Geo. R.
5503 N. E. Second Ave. (38)
FL 8-7893
156. Cameron & Barkley Co., The
727 N. W. First Ave. (5)
P. O. Box 790
FR 1-8431
157. Camp, J. W.
4100 El Prado (33)
158. Carrier Corp.
1401 S. W. First St. (35)
FR 9-6513
159. Central Machinery & Supply Co.
3945 N. W. 32nd Ave. (42)
Biscayne Annex, P. O. Box 631
NE 4-1551
160. Clark Controller Co., The
49 N. 22nd St. (37)
FR 9-8122
161. Cleco Div., Reed Roller Bit Co.
3675 N. W. 71st St. (47)
NE 5-1431
162. Curlin & Sons, Inc., R. B.
3721 N. W. 2nd Ave.
PL 7-2931
163. DG Machinery & Gage Co.
724 Dade Commonwealth Bldg. (32)
FR 4-7749
164. Dibble & Associates, C. M.
Box 1086, Little River Station (38)
PL 4-7303
165. Douglas Equipment Co.
2389 N. W. 54th St. (42)
NE 4-1270
166. Elliott, Jr., John W.
1167 N. W. 135th St.
MU 8-3913
167. Florida Bearings
3164 N. Miami Ave.
168. Florida Machinery Corp.
312-318 S. W. North River Dr. (36)
Phone: 9-0647
169. Freeman Equipment Co.
3634 N. E. Second Ave. (37)
PL 9-6644
170. General Electric Co.
25 S. E. Second Ave. (32)
FR 3-4821
171. General Equipment, Inc.
543 N. W. Fifth St. (36)
P. O. Box 6206, Station B
FR 2-8468
172. Gondas Corp.
151 N. W. 54th St.
P. O. Box 278, Bueno Vista Station
PL 7-5531
173. Haley Sales Co.
19441 N. E. First Ct. (61)
NA 1-0891
174. Harnischfeger Corp.
12035 S. Dixie Hwy. (56)
CE 5-3302
175. Hubbard Co., S. B.
3904 N. W. 32nd Ave. (42)
FR 1-3723
176. Huck Manufacturing Co.
1877 S. W. 6th St.
PL 7-1643
177. Ireland Equipment Co.
2405 N. W. Second Ave. (37)
P. O. Box 37-86
178. Kaiser Aluminum & Chemical Sales,
Inc.
1400 N. W. 36th St.
NE 3-3431
179. Kelley Associates, Inc.
1521 S. W. 11th Ter. (35)
FR 4-4273
180. Kennerk Welding Supply, Inc.
235 N. W. 20th St. (37)
181. Kimball Electronics, Inc.
2921 N. W. 6th Ave. (37)
182. Lafayette Tool & Supply Co.
3355 N. W. 27th Ave. (42)
NE 4-7604

183. Lee & Assoc., Inc., Charles R.
3524 W. Flagler St. (35)
HI 4-7414
184. Leu, Inc., Harry P.
22 N. W. 20th St.
P. O. Box 1739
FR 9-3404
185. Linder Machinery Co.
272 N. W. 54th St.
186. Lyons Machinery, Inc.
5310 N. W. 32nd Ave.
187. Marks, Perry
6850 S. W. 57th Ter.
MO 5-3331
188. Miami Bearing Service, Inc.
3701 N. W. 32nd Ave. (42)
P. O. Box 42-296
NE 5-0977
189. Moffatt Bearings Co.
1211 N. W. 54th St. (42)
PL 7-3605
190. Mueller Brass Co.
3310 N. W. 73rd St. (47)
NE 5-2409
191. Myers, Frank
1170 N. W. 90th St. (38)
PL 9-2850
192. Naaco, Inc.
6405 N. W. 36th St. (46)
TU 8-6461
193. Neff Machinery, Inc.
2601 N. W. 5th Ave. (37)
FR 9-1614
194. Ozalid Branch Office
614 Virginia Dr.
GA 3-0304
195. Perlin, Sam
3586 N. W. 54th St. (42)
196. Phillips Hardware Co.
490 N. W. South River Dr.
197. Porter-Cable Machine Co.
4505 N. W. 17th Ave. (42)
NE 3-2614
198. Pritchard Co., A. L.
5503 N. E. 2nd Ave.
PL 8-7893
199. Ralley-Milam, Inc.
425 N. W. 1st Ct.
P. O. Box 991
FR 3-5421
200. Retreaders Supply Co.
2920 N. W. 54th St.
201. Reynolds Metals Co.
1 Miami Bldg., Suite 914
FR 9-2792
202. Ross Co., Donald H.
300 E. Tenth St.
203. Sanders & Hollander
P. O. Box 56, Little River Station (38)
PL 4-9894
204. Sinclair Refining Co.
P. O. Box 1087 (38)
Little River Station
205. Skil Corp.
4420 N. W. 2nd Ave. (37)
PL 8-4717
206. Skyproducts, Inc.
532 N. W. 54th St. (37)
207. Snap-On-Tools Corp.
P. O. Box 636 (48)
TU 7-7336
208. Southern Atlantic Co.
5310 N. W. 32nd Ave.
NE 4-0962
209. Stiles Conveyors & Trans.
596 N. W. 54th St. (38)
PL 4-4561
210. Sun Oil Co.
1701 S. E. 20th Ave.
JA 3-4386
211. Swain, Stanley
9755 S. W. 60th Ave.
MO 7-1871
212. Tillotson, R. E.
2778 Day Ave.
213. Tull Metal & Supply Co., J. M.
3690 N. W. 32nd St.
NE 5-0365
214. Walling, Lynd A.
Box 7156 (55)
CA 1-4297

215. Ward Engineering Co.
P. O. Box 11, Gratiigny Br. (50)
MU 8-9924

MIAMI BEACH

216. Lewis, Harold
Box 1471
JE 1-3048
217. Paragon Paint & Varnish Corp.
173 Alton Rd.

MIAMI SHORES

218. Crane Packing Co.
149 N. W. 101st St.
PL 8-9618

MIAMI SPRINGS

219. Aero Hardware & Supply Co.
4301 N. W. 36th St.
TU 8-2414
220. Reichhold Chemicals, Inc.
4471 N. W. 36th St.
TU 7-9475
221. Resistoflex Corp.
5385 N. W. 36th St.
TU 5-3722

MULBERRY

222. Clark Equipment Co., R. H.
Box 2566
Phone: 2541-2861

NEPTUNE BEACH

223. Threeston, C. L.
401 Margaret

NOKOMIS

224. Duff, Gerald B.
Route 1, Box 52F
VE 2-6423

NORTH MIAMI

225. Braeburn Alloy Steel Corp.
12425 N. E. 13th Ave.
PL 9-8151
226. Caribo, C. L.
19011 N. W. Tenth Ave.
NA 1-3540
227. Revere Copper & Brass, Inc.
900 N. E. 125th St. (61)

OCALA

228. Lovell Brothers
P. O. Box 516
229. Meadows Co., The J. L. "Bud"
110 Glenn St.
Ocala Highlands
MA 2-8761

OPA-LOCKA

230. Bridgeport Brass Co.
14000 N. W. 19th Ave.
231. Elgin National Watch Co.
2531 N. W. 182nd Ter.
232. Haley, Tom
2531 N. W. 182nd Ter.
NA 1-0891
233. McMasters, A. J.
3421 N. W. 173rd Ter.

ORANGE PARK

234. Rogers, H. M.
Astor St.

ORLANDO

235. Air Devices, Inc.
716 W. Smith Ave.
P. O. Box 7834
GA 2-9972
236. Allis Co., The Louis
160 E. Church St.
P. O. Box 7751
GA 5-6509
237. Bailey Motor Equipment Co.
78 N. Garland St.
238. Barr, Jr., L. Graham
P. O. Box 7652
239. Bringman Machine Service, Charles W.
310 E. Orlando Ave.
OR 2-3747

FLORIDA

240. Cameron & Barkley Co., The
1502 N. Orange Blossom Trail
P. O. Box 1871
Phone: 4-9557
241. Carlson Machinery Co., J. R.
711 Magnolia Ave.
GA 3-4679
242. Consolidated Electrodynamics Corp.
2400 E. Colonial Dr.
243. Curlin & Sons, Inc., R. B.
1519 Sligh Blvd.
GA 2-2723
244. Denderick Co., R. O.
P. O. Box 2526
MI 7-3153
245. Dietzen Co., Eugene
380 W. Grant St.
CH 1-5671
246. Hummel Industrial Sales
544 Peterson Pl.
P. O. Box 5327
OR 5-6554
247. Lapp, Alvin H.
1011 Lake Emerald Dr.
OR 3-4608
248. Leu Co., Harry P.
100 W. Livingston
P. O. Box 2513
GA 2-9891
249. M. & G. Products, Inc.
54 W. Columbia Ave.
GA 4-2897
250. McCarthy, E. E.
P. O. Box 1219
251. Mill Supplies, Inc.
2423 McRae St.
P. O. Box 3188
GA 3-4465
252. Precision Rubber Products Corp.
P. O. Box 986
GA 4-2021
253. Soraghan & Associates, Joseph C.
711 Magnolia Ave.
GA 3-3869
254. Stephens, John L.
501 Magnolia Ave.
CH 1-5431-1-5432
255. Sterling Electric Motors, Inc.
2494 Coolidge Ave.
P. O. Box 7035
GA 2-6885
256. Terry, Inc.
501 Magnolia Ave.
CH 1-5373-4
257. Viereck & Co., George E.
711 Magnolia Ave.
GA 5-2395
258. Wales Strippit, Inc.
109 E. Pine St.
CH 1-3163
259. Ward Engineering Co.
1015 W. Central Ave.
GA 3-4295
260. Whitmore Industrial Trucks
P. O. Box 5461
261. Wimberly, W. Ben
203 N. Lucerne Cir.

ORMOND BEACH

262. D. & S. Engineering Co. of Florida
P. O. Box 1553
OR 7-2566-7-7-0597

PANAMA CITY

263. Panama Machinery & Supply Co.
206 E. Beach Dr.
264. Taylor Parts & Supply Co., Inc.

PENSACOLA

265. DeZurik Sales Co.
P. O. Box 5517
HE 3-1812
266. F. & H. Supply Co.
3711-12 N. Polofax Hwy.
P. O. Box 644
Phone: 3-3191
267. Industrial Marine Supply
500 Palafax St.
268. Industrial Piping Supply
P. O. Box 1772

PINELLAS PARK

269. George, Joseph W.
P. O. Box 429

POMFANO BEACH

270. Diller & Associates, K. L.
P. O. Box 2015
WE 3-3781
271. Florida Municipal Equipment Co.
2881 Atlantic Blvd., Box 2711
WE 3-2332
272. Reiff, Emil
220 N. E. 26th Ct.
WE 3-5176

PONTE VEDRA BEACH

273. Pitts, C. A.
6 Holly Apts.
FL 9-4252
274. Seibert, Earl
Box 86
AT 5-1333

PORT ORANGE

275. Zumstein, L. P.
Daytona Beach
CL 2-0051

ST. PETERSBURG

276. A. J. M. Corp.
1800 Central Ave.
Phone: 5-7793
277. Carlson & Associates, Arthur
7127 Third Ave., South
DI 3-3944
278. Condon, Wm. F.
400 72nd St., South
279. Corbett, Jr., Alex
2411 Covina-Ways, South
Phone: 5-5505
280. Gulf Coast Industrial Supply Co.
2226 Fairfield Ave., South
22nd St. Station, Box 557
Phone: 7-6558
281. Miller, W. G.
6527 Tenth St., North
282. Potts, Delbert
Box 224
FO 6-2686
283. Pritchard Co., A. L.
782 64th Ave., South (5)
OR 1-7722
284. Raymond Associates, E. C.
1221 Arlington Ave.
Phone: 7-6126
285. United Tool Supply Co., Inc.
3037 Lown St., North
P. O. Box 11807
HE 6-1570

SARASOTA

286. Curtis, F. W.
3228 Tanglewood Dr.
287. Jotterand Co., Roland P.
P. O. Box 1887
RI 6-2944

SOUTH MIAMI

288. I-T-E Circuit Breaker Co.
4216 Ponce de Leon Blvd. (3)
HI 4-8217
289. Johnston, Robert
P. O. Box 91 (43)
MO 6-8661
290. Morton Machinery Sales
6500 Chapman Field
MO 7-5392
291. Turner Co., J. Carl
6604 S. W. 89th Ave. (43)
MO 5-7671

TALLAHASSEE

292. Holley, Inc.
Municipal Airport
P. O. Box 709
Phone: 3-2425
293. Van Burnt & Yon, Inc.
905 W. Gaines St.

TAMPA

294. A & S Sales Co.
P. O. Box 13407 (11)
Phone: 34-3032
295. Airborne Instruments Lab.
540 Davis Blvd. (1)
P. O. Box 2714
TA 8-3559
296. All Marine Supply Corp.
P. O. Box 2130
297. Allis-Chalmers Mfg. Co.
405 S. Morgan St. (2)
Phone: 2-8371
298. Aluminum Co. of America
820 First National Bank Bldg. (2)
Phone: 2-3718
299. Belcher, Robert S.
1516 S. Lois Ave. (9)
Phone: 83-2951
300. Bert Supply Co.
416 Ellamsee Ave.
301. Black Diamond Specialty Co.
1202 Highland Ave. (2)
302. Bode Industrial Filter Co.
3605 Morrison Ave.
TA 8-3613
303. Bridgeport Brass Co.
32-A Western Union Bldg. (2)
304. Cameron & Barkley Co., The
107 S. Franklin
P. O. Box 990 (1)
Phone: 2-4651
305. Cartwright & Bean
4525 S. Lois Ave.
Phone: 62-0111
306. Cralle Co., Ray B.
501 Washington Ave.,
Phone: 2-8511
307. Crucible Steel Co.
Bldg. #3, U. S. Naval Reserve
Foot of Grant St., Box 1527 (1)
TA 4-5039
308. Curlin & Sons, Inc., R. B.
1930 Hillsboro Ave. (10)
Phone: 32-4141
309. Earley Dynamics Co.
1218 E. Knollwood St.
Phone: 31-4071
310. Elgin National Watch Co.
3313 W. Sevilla Cir. (9)
Phone: 65-2311
311. Ellis Machinery & Supply Co.
120 N. 20th St.
P. O. Box 1465 (5)
Phone: 4-5741
312. Epperson & Co.
130 S. Franklin St. (2)
Phone: 2-2688
313. General Electric Co.
1206 N. "A" St. (6)
Phone 8-8374
314. Hunt Truck Sales & Service, Inc.
601 S. Moody St.
Phone: 2-4221
315. Industrial Associates, Inc.
3720 Watrous Ave. (9)
P. O. Box 10536
Phone: 8-0131
316. Industrial Specialties Sales
424 S. MacDill Ave.
P. O. Box 1335
HE 6-1486
317. Industrial Supply Corp.
1800 Second Ave.
P. O. Box 5116 (5)
Phone: 4-3141
318. Kaminis Welding Supplies, Inc.
3101 Fourth Ave.
319. Kelley Associates, Inc.
312 S. Morgan St. (2)
Phone: 2-6783
320. Kensier & Associates, J. K.
3313 W. Sevilla Cir. (9)
P. O. Box 10283
Phone: 65-2311
321. Knight & Wall Co.
220 Tampa St.

SALES OFFICES

FLORIDA

TAMPA (cont.)

- 322. Lancaster, Robert
4124 Sevilla (9)
Phone: 65-7535
- 323. Lowe Supply Co., Bert
416 Ellamae Ave.
P. O. Box 2820
Phone: 2-4278-9
- 324. National Tools Co.
5015 22nd St., North
- 325. Protective Coatings, Inc.
807 N. Fremont Ave.
- 326. Pupello Lift Trucks Sales & Service
1156 E. Cass St.
- 327. Regan Industrial Supply Co.
3707 Nebraska Ave. (1)
P. O. Box 1402
HE 6-6388
- 328. Reynolds Metals Co.
1303-D S. Dale Mabry Dr. (2)
Phone: 2-7288
- 329. Sinclair Refining Co.
P. O. Box 2762 (1)
- 330. Smith & Co., Robert P.
1521 S. Dale Mabry Hwy. (9)
Phone: 8-3632
- 331. Southern Pump & Supply, Inc.
P. O. Box 1223 (1)
Phone: 2-0251
- 332. Sun Oil Co.
1021 Ellamae St. (1)
TA 2-2668
- 333. Syntrol Florida Sales Co.
442 W. Lafayette St. (6)
Phone: 8-5111
- 334. Tampa Armature Works, Inc.
401 S. Morgan St.
P. O. Box 3381 (1)
Phone: 2-1966
- 335. Tingwall, Sr., L. G.
1317 W. Alicia Ave. (4)
RE 7-4754
- 336. Tool & Die Supply Co.
4015 Cypress St.
P. O. Box 2758 (7)
RE 7-1750
- 337. Tull Metal & Supply Co., Inc., J. M.
2736 E. Hanna St. (10)
P. O. Box 11516
Phone: 3-6741
- 338. United States Electrical Motors, Inc.
4501 Ballast Point Blvd. (11)
TA 2-8480
- 339. Whitmore Industrial Trucks
3905 E. Broadway
P. O. Box 1241

TARPON SPRINGS

- 340. Hazelwood, Carl N.
222 E. Tarpon Ave.
VI 2-7881

VERO BEACH

- 341. Auto Supply Co.

WEST HOLLYWOOD

- 342. Milne & Co., Inc., A.
2141 N. 57th Wy.
YU 3-6835

WEST PALM BEACH

- 343. Consolidated American Machinery of
Florida, Inc.
433 25th St.
TE 3-3115
- 344. Crosby Co., The
812 S. Dixie
TE 3-6840
- 345. Gondas Corp. of West Palm Beach
400 S. Tamarind Ave.
TE 3-0371
- 346. Ingersoll-Rand Co.
348 Russlyn Dr.
TE 3-2649
- 347. Johnson Equipment Co., W. E.
5512 Broadway
- 348. National Welding Supply Co.
413 24th St.

- 349. Neff Machinery, Inc.
4115 Georgia Ave.
TE 3-4634
- 350. Sewell Hardware Co.
528 Clematis St.
- 351. United Tool & Supply Co., Inc.
1103 Okeechobee Rd.
P. O. Box 2229
TE 2-0588
- 352. Viereck & Co., Inc., George E.
223 Fern St.
TE 2-8158

WINTER HAVEN

- 353. Halliday Co., Inc., The Alfred
139 Lake Silver Dr.
CY 3-7170
- 354. Simonds Co., George L.
Fifth St., South West
CY 3-2171

WINTER PARK

- 355. Deaderick Co., R. O.
8 Lypar Bldg.
MI 7-3153
- 356. DeLaval Separator Co., The
1461 Palm Ave.
P. O. Box 203
MI 7-1928
- 357. Peterson, Henry C.
1234 Via Capri

GEORGIA

ALBANY

- 1. Albany Hardware Co.
- 2. Albany Welding & Machine Works, Inc.
1600 N. Jefferson
- 3. Broshears Steel Co., Joe
- 4. Georgia Hard & Supply Co., The
307 N. Washington St.
- 5. Keenan Welding Supplies Co.
927 Roosevelt
HE 2-0536

ATLANTA

- 6. Abernathy-Thomas Engineering Co.
222 14th St., Northwest (13)
TR 4-4291
- 7. Adams, Jr., H. Kenneth
950 Cardova Dr., Northeast (5)
CE 7-3914
- 8. Aeromart, Inc.
3230 Peach Tree Rd., Northeast (5)
CE 3-5519
- 9. Airborne Instruments Lab.
210 16th St., Northwest (13)
TR 4-9746
- 10. Air Reduction Sales Co.
736 Hemphill Ave., Northwest
- 11. Alemite Co.
645 Antone St., Northwest (18)
- 12. Allen Co., C. M.
311 Buckhead Ave., Northeast (5)
- 13. Allen, Roger W.
1006 Peachtree St., Northeast
TR 5-8196
- 14. Allied Companies, Inc.
1922 Piedmont Rd., Northeast (9)
TR 5-6714
- 15. Allied Tooling Products
706 Elbert St., Southwest (10)
- 16. Allis-Chalmers Manufacturing, Co.
57 Forsythe St., Northwest (3)
JA 2-7116
- 17. Allis Co., The Louis
1365 Spring St., Northwest (9)
TR 2-2228
- 18. Allison Machinery Co.
575 Edgewood Ave., Southeast (12)
JA 4-1741
- 19. Aluminum Co. of America
1615 Peachtree St. (9)
TR 5-7441
- 20. American Brass Co., The
712 W. Peachtree St., Northwest (8)
- 21. American Optical Co.
524 Plaster Ave., Northeast
P. O. Box 13072, Station K (24)
TR 3-1074

- 22. Aminco Sales Corp. of America
632 Healey Bldg.
JA 5-0238
- 23. Applebee-Church, Inc.
1389 Peachtree St., Northeast (9)
TR 5-7244
- 23A. Armco Steel Corp.
1874 Peachtree Rd., Northwest (9)
- 24. Aro Equipment Corp.
568 Peachtree St., Northeast
TR 6-3972
- 25. Arrow-Hart & Hegeman Electric Co.,
The
1116 W. Peachtree St., Northwest (9)
TR 5-9061
- 26. Ashton-Therrel
2045 Golf View Dr., Northwest (9)
- 27. Atlanta Machine & Manufacturing Co.
1329 Spring St., Northwest (9)
- 28. Atlantic Sheet Metal Corp.
799-801 Marietta St., Northwest
TR 6-8266
- 29. Autry, Rushin & Dane, Inc.
43 Irby Ave., Northwest (5)
CE 7-2971
- 30. Barton, Jr., Co., James B.
2135 Liddell Dr., Northeast (9)
TR 3-7548
- 31. Bausch & Lomb Optical Co.
78 Marietta St., Northwest
JA 5-0791
- 32. Beck & Gregg Hardware Co.
217 Lucky St.
- 33. Bellows Co., The
267 E. Paces Ferry Rd. (5)
CE 3-7445
- 34. Bel-Ray Southern Co.
2030 Fairway Cir., Northeast (19)
ME 6-3011
- 35. Bernhardt Co., Richard
1882 Brewer Blvd., Southwest (10)
PL 3-6290
- 36. Bethlehem Steel Co.
55 Marietta St. (1)
- 37. Biever Air & Hydraulic Equipment
254 E. Paces Ferry Rd., Northeast (5)
CE 7-9464
- 38. Bishop, Mr. Fred L.
333 Candler Bldg. (3)
JA 4-5290
- 39. Black & Decker Manufacturing Co.,
The
316 Techwood Dr., Northwest (13)
JA 4-0431
- 40. Blanchard, Paul
695 Brookline St., Southwest (10)
PL 5-3067
- 41. Blankinship, W. G.
2878 N. Hills Dr., Northeast (5)
CE 3-2172
- 42. Bolden Die Supply Co.
P. O. Box 10636
1171 Lee St., Southwest (10)
PL 3-4181
- 43. Boston Gear Works Branch
484 14th St., Northwest
TR 6-7346
- 44. Bowser, Inc.
741 Boulevard, Northeast (5)
TR 5-7956
- 45. Boyd Co., C. H.
150 Pine St., Northeast
Walton Bldg., Room 316 (8)
TR 5-3233
- 46. Boykin Tool & Supply Co.
67 Courtland St., Northeast (3)
- 47. Brady Co., W. H.
3230 Peachtree Rd., Northeast (5)
CE 3-0136
- 48. Bridgeport Brass Co.
611-12 800 Peachtree Bldg. (8)
- 49. Bristol Co., The
231 Healey Bldg. (3)
JA 2-7607
- 50. Brownell Distributors
690 Murphy Ave., Southwest
- 51. Bunting Brass & Bronze, The
257 Spring St., Southwest (3)
JA 3-7428
- 52. Callaway, Jr., Walter M.
1437 Kenilworth Dr., Southwest
PL 5-5318

GEORGIA

53. Carlson Machinery Co., J. R.
3166 Maple Dr., Northeast (3)
CE 7-3276
54. Carpenter Steel Co., The
Murphy and Bluff Sts., Southwest
JA 3-6472
55. Carrier Corp.
2015 Peachtree Rd., Northwest
TR 5-2781
56. Cartwright & Bean
3223 Cain's Hill Pl., Northwest (5)
CE 7-2273
57. Chain Belt Co.
1788 Ellsworth Industrial Dr.,
Northwest
SY 4-1566
58. Chandler Machinery Co.
120 Houston St., Northeast (3)
JA 2-3843
59. Chase Brass & Copper Co.
695 Stewart Ave., Southwest (10)
PL 5-5731
60. Chicago Pneumatic Tool Co.
91 16th St., Northwest (9)
TR 4-5696
61. Chicago Rawhide Manufacturing Co.
254 E. Paces Ferry Rd., Northeast
CE 7-2927
62. Childs Machinery Co., W. P.
P. O. Box 700
845 Memorial Dr., Southeast (1)
JA 3-5041
63. Circo Equipment Co.
367 John St., Northwest
JA 4-3421
64. Clark Controller Co., The
3094 Grandview Ave., Northwest (5)
CE 7-6625
65. Cleco Div.
1299 Spring St., N. S. (9)
TR 4-8729
66. Cleveland Trammell Knoxville Co.
2793 Piedmont Rd., Northeast (5)
CE 3-5447
67. Cleveland Tram Rail Atlanta Co.
2793 Piedmont Rd., N. C. (5)
CE 3-7349
68. Cobb, G. Lamar
1925 Ponce de Leon Ave.
DR 3-0330
69. Collins Bearing
367 Forest, Northeast
70. Combs Co., Thomas B.
1823 Gordon Rd., Southwest
PL 8-5516
71. Commagere, Felix J.
157 Simpson St., Northwest
JA 5-2761
72. Commercial Shearing & Stamping Co.
1371 Peachtree St., Northeast
73. Conklin Tin Plate & Metal Co.
236 Moore St., Southeast
74. Consolidated Electrodynamics Corp.
3224 Peachtree Rd., Northeast
75. Consolidated Engineering Co.
3272 Peachtree Rd., Northeast (5)
CE 7-1606
76. Control Equipment Co., Inc.
3166 Maple Dr., Northeast (5)
CE 7-1688
77. Cornwell Tool Co.
430 Luckie St., Northwest (13)
MU 8-0345
78. Cowan Supply Co.
124 Walker St.
JA 3-7667
79. Cravens, Douglas C.
2050 Dunwoody St., Northeast (17)
80. Cummins Machinery Co.
182-84 Courtland St., Northeast (2)
LA 6684
81. D. G. Machinery & Gage Co.
P. O. Box 13135, Station K (24)
ME 6-5511
82. Deaderick Co., R. O.
P. O. Box 12031, N. Side Sta. (5)
CE 7-8572
83. Denison Engineering Div.
309 E. Paces Ferry Rd., Northeast (5)
CE 7-3106
84. Detrex Chemical Industries, Inc.
254 E. Paces Ferry Rd., Northeast
CE 7-8546
85. DeVilbiss Co.
1100 Northside Dr., Northwest (18)
TR 5-0354
86. Diversey Corp., The
317-101 Marietta St. (3)
JA 5-2351
87. Dixie Bearings, Inc.
276 Memorial Dr., Southwest
JA 4-5603
88. Dixie Gases, Inc.
318 Hayden St., Northwest (13)
JA 4-2377
89. Dixie Seal & Stamp Co.
P. O. Box 972
90. DoAll South Atlantic Co.
300 Decatur St., Southeast (3)
JA 1-1267-1-1268
91. Dollar, Ray W.
254 E. Paces Ferry Rd., Northeast (5)
CE 3-2632
92. Dow Chemical Co.
55 Marietta, Northwest (3)
MU 8-3085
93. Dow Corning Corp.
1343 Spring St., Northwest (9)
TR 6-1065
94. Duckett Sales Co., Grady
26 E. Andrews Dr., Northeast
CE 3-5368
95. Dwiggin, Ford L.
716 Longwood Dr., Northwest
TR 6-6191
96. Earnst, Bert L.
667A Morosgo Dr., Northeast
97. Eastman Atlantic Manufacturing Co.
1075 Chattahoochee, North
TR 5-7771
98. Electro-Tech Equipment Co. of
Atlanta, Inc.
690 Murphy Ave., Southwest (10)
PL 3-4128
99. Ellison Co., The
632 Healey Bldg.
JA 5-0238
100. Engineering Test Services, Inc.
1715-B Hummingbird La., Northeast (7)
DR 7-2029
101. Equipment Sales Co., Inc.
649 Ashby St., Northwest (18)
TR 2-6605
102. Eutectic Welding Alloys
446 Northside Dr., Northwest (18)
JA 3-3552
103. Evans Engineering Co., F. J.
7 N. Rhodes Center, Northwest (9)
TR 5-8408
104. Fafnir Bearing Co., The
505 Courtland St., Northeast (8)
TR 5-8135
105. Fairbanks, Morse & Co.
760 Lee St., Southwest (10)
PL 5-7701
106. Frescoln, J. B.
716 Walton Bldg. (3)
JA 2-9546
107. Fulghum Co., R. L.
184-190 Forsyth St., Southwest (2)
WA 3466
108. Fulton Supply Co.
P. O. Box 4028
342 Nelson St., Southwest
MU 8-3400
109. Gardner-Denver Co.
1114 W. Peachtree St., Northwest (9)
TR 4-3802
110. Gas Equipment Supply Co.
1253 Zonolite Rd., Northeast (6)
111. General Electric Co.
1860 Peachtree Rd., Northwest (9)
TR 6-2451
112. Gibbs Co., Larry E.
P. O. Box 12094 (5)
113. Gulf Oil Corp.
131 Ponce de Leon Ave., Northeast
P. O. Box 6145 (8)
TR 6-2411
114. Halliday Co., Inc., The Alfred
174 14th St., Northwest (13)
TR 4-7872
115. Haralson, W. S.
571 Cleburne Terrace, Northeast
P. O. Box 156, Station E
WA 2444
116. Hardcastle, W. F.
609 Walton Bldg. (3)
JA 4-6250
117. Hardinge Brothers, Inc.
1177 W. Peachtree St., Northwest (9)
TR 5-9191
118. Harnischfeger Corp.
361 E. Paces Ferry Rd. (5)
CE 7-2336
119. Harrop, C. L.
1496 N. Druids Hill Rd.,
Northwest (19)
CE 3-0872
120. Hart Engineering & Sales
Box 2583, Station D (18)
TR 4-5667
121. Heard, J. M.
317 Walton Bldg. (3)
LA 7202-JA 2-6097
122. Henry & Horton Co.
Walton Bldg., Box 125 (1)
JA 4-2695
123. Hodgkins, Lowell R.
4540 Jolyn Pl., Northeast (5)
CE 7-2906
124. Homac Companies
468 North Side Dr., Northwest
- 124A Horton Co., Henry
P. O. Box #125 (1)
125. Hoшалl Co., The
1414 Morningside Dr., Northwest (6)
126. Houghton & Co., E. F.
1734 Candler Bldg.
JA 4-1936
127. Howard Sales Co.
882 Marietta St.
TR 5-2561
128. Huck Manufacturing Co.
984 Crane Rd., Northeast
TR 5-1611
129. IBM Corp.
1371 Peachtree St., Northeast (9)
TR 3-3411
130. IMC Equipment, Inc.
3133 Maple Dr. (5)
CE 7-1529
131. I-T-E Circuit Breaker
3131 Maple Dr. (5)
CE 7-6361
132. Ideal Industries, Inc.
540 Luckie St., Northwest (13)
TR 4-4188
133. Ingersoll-Rand Co.
3131 Maple Dr. (5)
CE 7-8601
134. Instrument & Tool Engineering
526 Lakeshore Dr., Northeast (7)
DR 8-6655
135. Interstate Machine Co.
955 W. Marietta, Northwest (18)
TR 6-1298
136. Jarrett & Associates, H. H.
1475 Spring St., Northwest (9)
TR 6-1064
137. Johnson Bronze Co.
271 Techwood Dr., Northwest (3)
JA 4-5868
138. Jones & Laughlin Steel Corp.
Fulton Federal Bldg. (3)
JA 2-6805
139. Kaiser Aluminum & Chemical Sales,
Inc.
55 Marietta St., Northwest
JA 3-1903
140. Karley, Raymond
254 E. Paces Ferry Rd., Northeast
CE 7-9933
141. Keen-Edge Co.
395 Edgewood Ave., Southeast
142. Kerr & Co., R. S.
957 W. Marietta St., Northwest
TR 6-6766
143. Keystone Reamer & Tool Co.
P. O. Box 198 (1)

SALES OFFICES

GEORGIA

ATLANTA (cont.)

144. King, Inc., J. O.
1004 Hemphill Ave. (13)
TR 2-3579
145. Koein, George R.
144 Walker St., Southwest (3)
MU 8-7077
146. Leeds & Northrup Co.
3084 Grandview Ave., Northeast (5)
CE 7-8624
147. Le Roi Div.
1621 Candler Bldg. (3)
JA 4-3858
148. Lewyn Co., Bert
1640 Moores Mill Rd., Northwest (5)
CE 3-1920
149. Lincoln Electric Co., The
474 Luckie St., Northwest (13)
JA 5-8494 - 8495
150. Lindberg Engineering Co.
4595 Club Ter. (19)
CE 3-3014
151. Linde Co.
22 7th St., Northeast (8)
TR 5-8931
152. Liquid Carbonic Corp.
743 McDaniel St., Southwest (4)
153. Lord & Sons, A. R.
2473 Stewart Ave., Southwest (15)
PO 7-9756
154. Lord Manufacturing Co.
3131 Maple Dr. (5)
CE 7-9247
155. Low, Jr., William
1211 Sheridan Rd. (5)
156. Lowery, E. T.
1659 Emerald Ave., Southwest
PL 3-6034
- 156A. Lyon Metal Products, Inc.
206 Bona Allen Bldg.
133 Luckie St., Northwest
157. Lyons, John B.
2771 DeLowe Dr.
158. Machinery Associates
500 Piedmont Ave., Northeast (8)
TR 5-5776
159. Magna Engineering Sales Co.
4124 Oak Forest Dr. (19)
GL 7-0115
160. Manning, Maxwell & Moore, Inc.
1036 Peachtree St., Northeast
161. Marlin-Rockwell Corp.
1205 Techwood Dr., Northwest (13)
TK 6-1524
162. McDonald-Hansard
1229 Allene Ave., Southwest (10)
PL 3-4312
163. McKane, Hugh J.
3190 LeConte Ave., Northeast (19)
CE 3-4017
164. Messer, Robert J.
3182 Peachtree Rd., Northeast (5)
165. Metal & Thermo Corp.
565 Western Ave., Northwest
JA 3-0415
166. Metallurgical Products
3230 Peachtree Rd., Northeast (5)
CE 7-8096
167. Mid-South Equipment Co., Inc.
3131 Maple Dr., Northeast (5)
CE 7-8560
168. Miller Electric Manufacturing Co., Inc.
1615 Fama Dr., Northeast (6)
ME 4-4005
169. Millers Falls Co.
1064 W. Peachtree St., Northwest
170. Milne & Co., Inc., A.
753 Chestnut St., Northwest (18)
TR 2-2605
171. Minnesota Mining & Manufacturing Co.
732 Ashby St., Northwest (18)
TR 6-4491
172. Minnich Co., The
1015 Grant St., Southeast (15)
MA 2-6676
173. Moffatt Bearings Co.
432 Luckie St., Northwest (13)
JA 4-2831
174. Moore Products Co.
3133 Maple Dr., Northeast (5)
CE 3-4761
175. Morgan & Sons, Inc., W. G.
1409 Howell Mill Rd., Northwest (18)
176. Morse Chain Co.
3625 Habersham Rd., Northwest (5)
CE 7-9859
177. Mueller Brass Co.
187 Milton Ave., Southeast (15)
JA 4-4581 - 82
178. Nelson Stud Welding
72 11th St., Northeast (10)
TR 4-8334
179. Nichols Co., James G.
84 Peachtree St., Northwest
LA 6672
180. Nixon Co., Jack U.
2008 Boulevard Dr., Northeast
EV 7502
181. Noland Co., Inc.
512 Spring St., Northwest (3)
JA 2-8034
182. Nowels, Don
4291 Buford Hwy. (6)
ME 6-4618
183. Oakite Products, Inc.
417 Palmer Bldg. (3)
MU 8-1995
184. Ostrom, Bob
3781 Narmore Dr., Northeast
CE 3-4313
185. Oxalid Branch Office
1219 Williams St., Northwest (9)
TR 6-0351
186. Pederson Co., Carl B.
496 Piedmont Ave., Northeast (8)
TR 5-3938
187. Pharr, E. Frank
687 Boulevard, Northeast (8)
TR 2-8675
188. Pneumatic Controls
649 Ashby St., Northwest (18)
TR 2-6605
189. Porter-Cable Machine Co.
83 Mills St., Northwest
JA 3-7431
190. Postell, J. A.
936 W. Peachtree St., Northwest (9)
TR 4-6671
191. Precision Die Supplies, Inc.
1193 Memorial Dr., Southeast (16)
JA 3-1105
192. Price-Armstrong Co.
5142 Powers Ferry Rd., Northwest (5)
BL 5-3908
193. Pye Barker Supply Co.
231 Pryor St., Southwest (3)
JA 3-8571
194. Redmond Co., W. M. J.
380 Williams St., Northwest
195. Reeves Pulley Co.
544 Plaster Ave., Northeast (9)
TR 5-0087
196. Reliance Electric & Engineering Co.
544 Plaster Ave., Northeast (9)
TR 5-0087
197. Revere Copper & Brass, Inc.
1310 Ellsworth Industrial Dr.,
Northwest (18)
198. Reynolds, John
1763 Timberland Road, Northeast (6)
ME 4-7521
199. Reynolds Metals Co.
1261 Spring St., Northwest (3)
TR 5-2731
200. Rhoads & Sons, J. E.
88 Forsyth St., Southwest (2)
JA 2-5915
201. Riesell, George A.
2271 Briarcliff Rd., Northeast (6)
202. Rittelmeyer & Co., Inc.
P. O. Box 1308
150 Nassau St., Northwest (1)
JA 4-1531
203. Ross Co., F. H.
1113 Spring St., Northwest
204. Sallee & Associates, C. M.
1193 Memorial Dr., Southeast
P. O. Box 3595 (16)
JA 3-1105
205. Scarbrough, Gene F.
267 E. Paces Ferry Rd., Northeast (5)
CE 7-2136
206. Seakay Bros., Inc.
231 Healy Bldg. (3)
JA 2-7807
207. Scott Machine Tool Co.
411 Williams St., Northwest (3)
JA 5-8311
208. Shell Chemical Corp.
Fulton National Bank Bldg.
55 Marietta St., Northwest (3)
JA 5-7621
209. Shell Oil Co.
P. O. Box 1703
55 Marietta St., Northwest
JA 3-6632
210. Shop & Supply Co.
609 Wellesley Dr. (5)
TR 2-8956
211. Sinclair Refining Co.
P. O. Box 1710 (1)
212. SKIL Corp.
1890 Marietta Blvd. (18)
SY 9-1421
213. Snap-on Tools Corp.
380 Techwood Dr., Northwest (13)
JA 4-8451
214. Southeastern Engr. & Manufacturing Co.
962 Howell Mill Rd., Northwest
215. Southeastern Handling Equipment Co.
420 Luckie St., Northwest
JA 5-6531
216. Southeastern Machine Tool Corp.
962 Howell Mill Rd., Northwest
EL 2944
217. Southern Belting & Transmission Co.
236 Forsythe St., Southwest (2)
WA 7221
218. Southern Machine Tool Co.
1329 Spring St., Northwest (9)
219. Southern Tool Distributing Co.
54 Eleventh St., Northeast (9)
TR 5-7065
220. Specialized Electronics
254 E. Paces Ferry Rd.
CE 3-9494
221. Specialized Equipment Corp.
254 E. Paces Ferry Rd.
CE 3-5858
222. Sterling Electric Motors, Inc.
254 E. Paces Ferry Rd., Northeast (5)
CE 7-4945
223. Stinsman, George E.
1911 Rhodes-Haverty Bldg. (3)
JA 4-3691
224. Stokes Corp., F. J.
1300 Cross Keys Dr., Northeast (19)
CE 7-1684
225. Strickland Co., Walter
152 Ellis St., Northeast (3)
JA 5-1611
226. Sun Oil Co.
22 Marietta St. (3)
MU 8-3583
227. Syntrol Atlanta Sales Co.
3130 Maple Dr., Northeast
CE 7-1984
228. Texas Co., The
864 W. Peachtree St., Northwest
TR 4-9731
229. Therrel, Ashton
2045 Golf View Dr.
230. Thor Power Tool Co.
1363 Spring St. (9)
TR 6-6756
231. Thornwell, Inc., E. A.
1537 Howell Mill Rd., Northwest (18)
232. Tocco Div.
P. O. Box 9895 (19)
GL 7-7195
233. Tru-Kut, Inc.
247 Moreland Ave., Southeast (16)
CY 0869

234. Tull Metal & Supply Co., Inc., J. M.
285 Marietta St., Northwest
P. O. Box 4628 (2)
JA 5-3871

235. Udyllite Corp., The
1841 Cheshire Br. Rd., Northeast
TR 5-1646

236. Underwood Co., Inc., J. L.
535 Whitehall St., Southwest (3)
MU 8-7878

237. Union Carbide Plastics Co.
57 Forsyth St. (3)
JA 5-7325

238. U. S. Electrical Motors, Inc.
3127 Maple Dr., Northeast
CE 7-8658

239. Valvoline Oil Co.
3121 Maple Dr., Northeast
CE 7-8207

240. Vickers, Inc.
1036 Peachtree St., Northeast (9)
TR 4-0187, 2-0837

241. Viking Pump Co.
1223 Techwood Dr., Northwest (13)
TR 5-7131

242. Walke Co., The Henry
P. O. Box 9153, Station B
DR 3-7515

243. Walraven, J. R.
1241 Fairview, Northeast
P. O. Box 8098, Station F

244. Walsh, Jr., Frank O.
401 Volunteer Bldg. (3)

245. Warner & Swasey Co., The
121 Eleventh St., Northeast
P. O. Box 7453, Station C (9)
TR 2-8824

246. Waters & Assoc., W. Sessel
254 E. Paces Ferry Rd., Northeast
CE 7-4945

247. Watkins & Associates, Ed. M.
3127 Maple Dr., Northeast (5)
CE 7-5664

248. Webb Co. of Georgia, Jervis B.
P. O. Box 2542, Station D (18)
TR 5-8606

249. Welding Supply & Service Co.
254 Techwood Dr., Northwest (13)
JA 3-7648

250. Wheeler & Associates, Don
929 Burnt Hickory Dr., Southwest (11)
PL 8-2979

251. Wiley Equipment Co.
1199 Howell Mill Rd., Northwest

252. Wilkins Engineered Products, J. C.
2793 Piedmont Rd., Northeast (5)
CE 5-7349

253. Will Corp. of Georgia
890 Chattahoochee Ave., Northwest
P. O. Box 966 (1)

254. Wilson Co., Roy E.
1062 Northside Dr., Northwest (18)
TR 6-8833

255. Wood Tire Supply Co., Don
88 14th St., Northwest

256. Woodman, Inc., B. S.
1570 Northside Dr., Northwest (1)
TR 2-5395

257. Worthington Corp.
8 Rhodes Center N., Northwest (9)

258. Wrenn Brothers, Inc.
1145 Zenolite Rd., Northeast
TR 6-8288

259. Wright, C. A.
4686 Lake Forest Dr., Northwest
CE 3-5158

260. Wright Hoist Div.
1055 W. Marietta St., Northwest
EL 5777, 5718

AUGUSTA

261. Augusta Mill Supply Co.
636 11th St.
Phone: 2-4657

262. Fortson Welding Supply Co.
1238 Fenwick St.
PA 2-7577

263. Marks Oxygen Co.
1815 15th St.

264. Pangborn Corp.
P. O. Box 842
RE 6-7258

265. Richmond Supply Co.
852 7th St.

266. Slusky Builders Supply
1009 Broad St.

267. Toole Supply Co.
Skyview La.
P. O. Box 1127

AVONDALE ESTATES

268. Hartley Co., Fred J.
3953 Wiltshire Dr.
BU 9-7385

CARROLLTON

269. Houghton & Co., E. F.
421 Garrett St.
TE 2-3507

CHAMBLEE

270. Allied Tools & Equipment Co.
2584 Chamblee-Tucker Rd.
GL 7-4235

271. Behr-Manning Co.
5200 Peachtree Rd.
GL 7-3105

272. Carborundum Co., The
5096 Peachtree Rd., Northeast
GL 7-4457

273. Diehl Manufacturing Co.
5373 Peachtree Industrial Blvd.
GL 7-7244

274. Norton Co.
5200 Peachtree Rd.
GL 7-7984

COLUMBUS

275. Columbus Iron Works Co.
901 Front Ave.
FA 4-2461

276. Columbus Plumbing & Heating &
Mill Supplies
1226 10th Ave.
P. O. Box 1298

277. Contex Industrial Supply Co.

278. Southern Hardware & Supply Co.
440 Brown Ave.
P. O. Box 98

CONYERS

279. Childs & Co.

DALTON

280. Glaze Supply Co., Inc.
607 Railroad St.

DECATUR

281. Burke, Jim
2095 Myrtle La., Apt. 4

282. Coleman Equipment Co., R. B.
164 Oak St.
DR 3-2977

283. Dimmick, I. C.
P. O. Box 404
DR 3-5897

284. Evans, S. C.
2968 San Jose Dr.
BU 9-6240

285. Famco Machine Co.
810 N. Parkwood Rd.
DR 7-5660

286. Fleury, Ben
2167 Tanglewood Rd.
ME 6-3102

287. Knox, Robert L.
2775 Mt. Olive Dr.
ME 4-7445

288. Kroog Co., A. J.
P. O. Box 385
235 Ponce de Leon Ave.
DR 7-6711

289. Lawrence, Charles F.
810 N. Parkwood Rd.
DR 7-5660

290. Meyer, Clarence E.
118 Emerson Ave.
DR 8-9683

291. Murphey Co., W. S.
2734 E. Ponce de Leon Ave.

292. Precision Die Supplies Co.
2647 Tilson Rd.

GEORGIA

293. Roberts, Fred
2174 Leafmore Dr.
ME 4-7086

294. Semell, Felix J.
1256 Carter Rd.

295. Standard Conveyor Co.
334 N. McDonough St.
DR 7-6109

296. Straus, W. A.
120 Mimosa Pl.
DR 3-1114

297. Tolleson, Vern T.
1956 LaMesa La.
BU 9-3897

298. Turk, Robert C.
3387 Woods Dr.

299. Weatherhead Co., The
990 Gaylemon Cir.
ME 6-7956

EASTMAN

300. Eastman Gas Co.

EAST POINT

301. Acme Steel Co.
1200 Oakleigh Dr.
PO 7-9793

302. Burks & Co., Charles L.
P. O. Box 54
PO 6-3671-2

303. Lyons & Associates, John B.
P. O. Box 82
2771 DeLowe Dr.
PO 1-8788

FOREST PARK

304. Green & Sons, E. D.
220 Hwy. 54
PO 1-1148

GAINESVILLE

305. Southern Equipment Co.
306. Steele Co., H.
418 W. Myrtle St.

GRIFFIN

307. Fortune, James R.
P. O. Box 556
GR 5128

JONESBORO

308. Garrett, H. G.
P. O. Box 576

LaCRANCE

309. Industrial Suppliers, Inc.
114 E. Haroldson St.
Phone: 5836

LOGANVILLE

310. Hanner, M. W.
R. D. #2
LA 3684

MACON

311. Bibb Supply Co.
83 Fifth St.

312. Corbin Supply Co.
415 Lower Poplar St.
P. O. Box 35
Phone: 2-3601

313. Farmer Co., C. W.
515-21 Fifth St.
P. O. Box 1037
MA 2-7521

314. General Electric Co.
682 Cherry St.
Phone: 3-1232

315. Hatcher Co., Inc., A. S.
594 Third St.
Phone: 3-1565

316. Macon Supply Co., Inc.
355 Riverside Dr.

317. Michigan Abrasive Co.
2827 Overlook Dr.
Phone: 5-8322

SALES OFFICES

GEORGIA

MACON (cont.)

318. Noland Co., Inc.
560 Broadway
MA 3-1531
319. Sinclair Refining Co.
P. O. Box 2285
320. Taylor Iron Works

MADISON

321. Richter Supply Co.
Box 570
Phone: 354-W

MARIETTA

322. Carrington & Son, W. A.
209 Northcutt St.
Phone: 9-5557
323. DeLaval Separator Co., The
206 Roswell St. Bldg.
MA 7-1580
324. Hubbell Metals, Inc.
356 Sessions St.
MA 7-3718
325. Sinclair, N. A.
115 Freyer Dr.
Phone: 8-2978
326. Swain, Tom
310 Cole St.
Phone: 8-1497
327. Watson & Co., James E.
121 N. Woodland Dr.
Phone: 8-4423

ROME

328. Battey Machinery Co.
Phone: 2-2421
329. Fairbanks Co., The
262 Division St.
RO 9786

SANDY SPRINGS

330. Dwiglins, Dan
6429 Roswell
P. O. Box 352

SAVANNAH

331. Air Products Co.
P. O. Box 3508, Station B
EL 5-8105
332. Bearings & Drives of Savannah, Inc.
P. O. Box 1328
1214 Bay St. Ext.
AD 6-1591
333. Cameron & Barkley Co., The
12 Water St.
Phone: 3-6636
334. Electrical Machinery Co.
246 E. Lathrop Ave.
Phone: 3-6694
335. Fleming & Moore Supply Co.
P. O. Box 159
336. General Electric Co.
40 E. Bay St.
AD 6-4423
337. Georgia Supply Co.
23-32 W. Bay St.
P. O. Box 918
AD 2-7131
338. Lincoln Electric Co., The
Apt. 9-A, Lamara Apts.
EL 5-6420
339. Morgans, Inc.
111 W. Broad St.
AD 2-5126
340. Southern Marine Supply Co.
202 W. Bay St.
Phone: 4-6648
341. Welding Service Co.
637 Broughton St., East
342. White Hardware Co.
Congress and Whitaker Sts.
AD 3-5777

SMYRNA

343. Althouse, E. Warren
204 Benson Ave.
HE 3-0143

344. Brooks, Wm. S.
2551 S. Atlanta Rd.
HE 5-0483

THOMASVILLE

345. Horne Supply Co.
346. Wapakoneta Machine Co., The
336 E. Jackson St.
CA 6-4517

TIFTON

347. Roddenberry Hardware Co.

WEST POINT

348. Batson Cook Co.
349. Georgia-Alabama Supply Co.
Phone: 3-3211

IDAHO

BOISE

1. Brown Co., R. H.
114 S. 23rd St.
Phone: 3-7311
2. Clark Controller Co., The
1118 N. 20th St.
Phone: 2-6947
3. Davis Supply Co., Inc.
Third and Broad
P. O. Box 1757
Phone: 3-5431
4. General Electric Co.
1524 Idaho St.
Phone: 4-3021
5. Idaho Industrial Supply Co.
114 S. 23rd St.
6. Intermountain Equipment Co.
Broadway and Myrtle
P. O. Box 1129
EL 5-1671
7. Kowallis & Richards
521 S. Eighth St.
Phone: 2193
8. Lang Co., The
420 N. Curtis Rd.
9. Mechanical Equipment & Engineering, Inc.
919 N. Orchard
P. O. Box 1277
Phone: 2-4393
10. Norco
1522 River St.
11. Pacific Metal Co.
325 Grove St.
12. Power Tool & Machinery Co.
809 College Blvd.
Phone: 2-2280
13. Priest & Sons, Inc., M. R.
515 E. Highland St.
Phone: 4-3519
14. Safeway Scaffold & Power Tool Co.
2923 Idaho St.
15. Salt Lake Hardware Co., The
702 S. Eighth St.
Phone: 4-2555
16. Silver Co., C. W.
1118 N. 20th St.
Phone: 2-6947
17. Spencer Supply Co.
1294 Front St.
P. O. Box 831
Phone: 2-0161
18. Western Bearings, Inc.
529 Front St.
P. O. Box 1899
Phone: 2-6583

COEUR D'ALENE

19. Gardner Supply Co.
501 Sherman Ave.

IDAHO FALLS

20. Bearing Service & Supply
Airport Rd.
21. Ideal Hardware Co.
760 W. Broadway
JA 2-7082

LEWISTON

22. Erb Hardware Co.
Fifth and "D" Sts.

23. Jameson Machine Supply, Inc.
Phone: 3-4517

MERIDIAN

24. Green's Cornwell Tool Co.
P. O. Box 625

PARMA

25. Transmission Products Div.
Phone: 2-2621 - 4-2021

FOCATELLO

26. MacAuley, W. F.
343 Fredregill Rd.
Phone: 4436-W
27. MacKenzie Auto Equipment, Inc.
401 N. Main
28. Focatello Plumbing & Industrial Supply, Inc.
1921 N. Harrison St.
P. O. Box 284
Phone: 690-W
29. Roberts, Paul
850-950 S. Main St.
CE 2-3672

WALLACE

30. Coeur d'Alene Hardware & Foundry Co.
612 Bank St.
P. O. Box 696
31. Gardner-Denver Co.
407 7th St.
Phone: 1139
32. Gardner Supply Co., Inc.
824 Bank St.

ILLINOIS

ADDISON

1. Markem Machine Agency, Inc.
59 Industrial Rd.
KI 3-6608

ARCO

2. Reichhold Chemicals, Inc.
P. O. Box 446
7738 W. 61st Pl.
RE 5-4400

ARLINGTON HEIGHTS

3. Lind, Robert F.
451 Comfort La.
CL 3-4839
4. Natzke, George A.
1107 Beverly La.
5. Ristow, Raymond
813 S. Chestnut Ave.
6. Walsh, Stewart P.
430 S. Dunton Ave.

AURORA

7. Cromer Industrial Equipment, Inc.
52 S. Lake St.
8. Dietz Industrial Supply Co.
127 Gate St.
AU 2-7654
9. Illinois Supply Co.
530 S. River St.
AU 7-4239
10. Lyon Metal Products, Inc.
96 Montgomery St.
AU 7-8421
11. Pearson, N. L.
33 Island Ave.
AU 6-8181
12. Phillips, M. Craig
535 Lakelawn
AU 7-2225
13. Schwartz, Ray W.
467 Wilder St.
14. Syntron Chicago Sales Co.
1297 N. Lake Rd.
AU 2-4414
15. Valley Supply & Tool Co.
30 Northwest LaSalle St.
Phone: 7-9209

SALES OFFICES

BARRINGTON

16. Bergquist, K. H.
P. O. 297
BA 2118M

BARTONVILLE

17. Judd, Charles L.
29 Sherry La. (7)

BEDFORD PARK

19. Minnesota Mining & Manufacturing Co.
6850 S. Harlem Ave.
LU 5-7800

BELLEVILLE

20. Dresel-Betz Co.
E. Main and Florida Ave.
P. O. Box 306
AD 3-5637
21. Woodruff, Charles
306 N. 75th St.
EX 7-5272

BELLWOOD

22. Brown & Sharpe Manufacturing Co.
635 S. 25th Ave.
LI 4-7550
23. Hyster Co.
1040 S. 25th Ave.
ES 9-3113
24. Manning, Maxwell & Moore, Inc.
2600 W. Van Buren

BENSENVILLE

25. Anric Tool Supply Co.
P. O. Box 292
PO 6-4761
26. Clarkson Service Station
16 W. 38th and Brookwood Ave.
LI 4-7550
27. Tru-Center Products Co.
17 W. 71st Oak La.
TE 2-9359
28. Vickers, Inc.
350 N. York
PO 6-2900

BENTON

29. Chase Welding Supply Co.
112 N. McLeansboro St.
P. O. Box 41
BE 365

BERWYN

30. Cincinnati Milling & Grinding Machines, Inc.
1327 S. Harlem Ave.
PI 9-1850
31. Kelburn Equipment Co.
3136 S. Clarence Ave.
ST 8-6485 and HI 2-1672
32. Kernan, Charles E.
6433 W. 18th St.
DE 7-4512

BLOOMINGTON

33. Keiser-Van Leer, Assn.
501 N. East St.
34. Macco Products Co., The
701 S. Mercer Ave.
Phone: 2-3899
35. McDonald Manufacturing Co., A. Y.
705 E. Lincoln St.
36. McGarvey, H. R.
211 E. Douglas

BLUE ISLAND

37. Blue M Electric Co.
138th and Chatham St.
Blue Island

BROOKFIELD

38. Catching Engineering Co.
9242 Broadway
BT 2-1940

39. Chicago Vibrator Products
9508 W. Ogden Ave.
HU 5-2266

40. Clark Controller Co., The
9109 W. Ogden Ave.
HU 5-0707

41. Johnson & Son, Ernie
9500 W. Ogden Ave.
HU 5-1686

42. Wesson Co.
9500 W. Ogden Ave.
HU 5-5100

CALUMET CITY

43. McQuade, Wm. D.
1514 Burnham Ave.
TO 2-0619

CARBONDALE

44. Miki Sales Co.
1025 W. Main St.
Phone: 965-K

CHAMPAIGN

45. Black & Co.
45 Main St.
FL 2-5167
46. Depke Welding Supplies
515 N. Hickory
Phone: 9479

CHENOA

47. Merrick, Seibert & Sons, Inc., O. M.
WI 5-2411

CHICAGO

48. AAA Saw & Tool Service & Supply Co.
1401 W. Washington Blvd.
MO 6-1278
49. Abbey Etna Co.
600 S. Michigan Ave. (5)
WE 9-3121
50. Abbot Corp.
808 W. Erie St. (22)
HA 1-1889
51. Abrasive Supply Co., Inc.
4455 W. Belmont Ave. (41)
KI 5-2353
52. Acheson Colloids Co.
510 N. Dearborn St. (10)
MO 4-2032
53. Acme Industrial Co.
200-222 N. Laflin St. (7)
MO 6-4122
54. Adamas Carbide Corp.
9909 S. Walden Prkwy. (43)
PR 9-6272
55. Advance Automation Co.
2955 W. 59th St. (29)
RE 7-3893
56. Airborne Instruments Lab.
6525 N. Irving Park Rd. (34)
AV 2-2600
57. Air Control, Inc.
519 Milwaukee Ave. (22)
HA 1-4055
58. Air Mite Devices
4401 Kinzie
59. Air Power Engineering Co.
419-21 N. Laramie Ave. (44)
60. Air Reduction Sales Co.
205 W. Monroe St. (6)
FR 2-0680
61. Airetool Manufacturing Co., The
8416 S. Vernon Ave. (19)
VI 6-2784
62. Albany Steel & Brass Corp.
1900 W. Grand Ave. (22)
SE 3-1900
63. Albion-Allen Associates
920 N. Cicero Ave. (51)
64. Alert Tool & Supply Co.
4911 W. Fullerton Ave. (39)
BE 7-2206
65. Aljanich & Associates, Matt
315 S. Green St. (6)
ST 2-9356
66. Allegheny Ludlum Steel Corp.
4747 S. Kedzie Ave. (32)
LA 3-8650
67. Allen-Bradley Co.
445 N. LaSalle St. (10)
WH 4-1670
68. Allen Manufacturing Co.
5410 N. Broadway (40)
LO 1-5659
69. Allen Manufacturing Co., W. D.
566 W. Lake St. (6)
RA 8181
70. Alliance Products Co.
4754 W. Washington Blvd. (44)
MA 6-8454
71. Allied Research Products, Inc.
4231 N. Nordica Ave. (34)
GL 7-0425
72. Allis-Chalmers Manufacturing Co.
135 S. LaSalle St. (3)
FR 2-6480
73. Allis Co., The Louis
5633 W. Diversey Ave. (39)
NA 2-8750
74. Alloy Rods Co.
3415 W. Cermak Rd.
LA 1-0291
75. Alta Products Co.
4822-26 Fullerton Ave. (39)
76. Althouse, Tracy
6459 N. Sheridan Rd. (26)
AM 2-4474
77. Altig Supply Co., Inc.
550 E. 71st St. (19)
78. Aluminum Co. of America
520 N. Michigan Ave. (11)
DE 7-8181
79. Alvey-Ferguson Co., The
6645 Oliphant Ave. (31)
SP 4-4899
80. American Brass Co., The
4501 W. North Ave. (39)
81. American Felt Co.
847 W. Jackson Blvd. (7)
CA 6-4222
82. American Fluid Power Co.
4322 S. Western Ave. (9)
83. American Grinding & Machine Co.
2000 N. Mango Ave. (39)
84. American Instrument Co. of Illinois
5822 W. Lake St.
AU 7-9757
85. American PULLMAX Co., Inc.
2455 N. Sheffield Ave. (14)
DI 8-5727
86. American Screw Co.
589 E. Illinois St. (11)
87. American Steel & Supply Co.
1011 E. 103rd St. (28)
WA 8-9883
88. American Steel & Wire Div.
208 S. LaSalle St. (90)
CE 6-9200
89. Ames Metal Products
4323 S. Western Blvd. (9)
LA 3-3230
90. Ampco Metal, Inc.
6124 N. Milwaukee Ave. (46)
SP 4-0100
91. Amstan Supply Div.
5200 W. Roosevelt Rd. (50)
ES 8-7300
92. Anderson & Assoc., Geo. H.
205 W. Wacker Dr. (6)
AN 3-6994
93. Anderson Oil & Chemical Co.
9 S. Clinton St. (6)
FT 6-0954
94. Anderson & White Supply Co.
5025 W. Armitage Ave. (39)
BE 7-6300
95. Apex Power Equipment Co.
4047 W. 26th St. (23)
CR 7-4236
96. Archer-Daniels-Midland Co.
4761 W. Toughy Ave.
97. Arcos Corp.
1500 S. Western Ave. (8)
MO 6-1866

ILLINOIS

SALES OFFICES

ILLINOIS

CHICAGO (cont.)

98. Ardeo, Inc.
5000 W. 73rd St. (38)
PO 7-2015
99. Argus Supply Co.
4806 W. Chicago Ave. (51)
ES 8-4087
- 99A. Armco Steel Corp.
20 N. Wacker Dr. (6)
100. Armour Coated Abrasives
1355 W. 31st St. (9)
LA 3-7000
101. Armstrong Cork Co.
6535 S. Irving Prk Rd. (34)
102. Aro Equipment Corp.
4752 W. Washington Blvd. (44)
ES 9-0600
103. Arrow Contractors Equipment Co.
4646 S. Kedzie Ave. (32)
FR 6-6500
104. Arrow-Hart & Hegeman Electric Co.,
The
551-557 W. Monroe St. (6)
FI 6-4842
105. Associated American Winding
Machinery
5935 W. Grand Ave. (39)
TU 9-0709
106. Association Materials Handling
Industry
7854 S. Ashland Ave. (20)
107. Astral Tool Co.
919 W. Alsie St. (40)
UP 8-4816
108. Athol Machine & Foundry Co.
565 W. Washington Blvd. (6)
FR 2-9595
109. Atlas Sales Co.
630 W. Randolph St.
CE 6-4626
110. Baker Industrial Trucks
5627 S. Harlem Ave. (38)
LU 5-1190
111. Baldwin Lima Hamilton Corp.
80 E. Jackson Blvd. (4)
HA 7-3750
112. Balco Tool & Supply Co.
6660 N. Western Ave. (45)
AM 2-1371
113. Ball Brothers
3428-40 W. 48th St.
114. Ball Machinery Co.
939 Lake St. (7)
SE 8-1108
115. Banner Tool & Supply Co.
3346 W. Lake St. (24)
116. Bannister Tool & Engineering Co.
9137 S. Clyde Ave. (17)
RE 4-7167
117. Bansbach Machinery
221 N. Cicero Ave. (44)
118. Baran Gear & Trans. Supply Co.
2315 W. Fullerton Ave. (47)
BR 8-2880
119. Berksdale Co.
4736 W. Madison St. (44)
120. Barrett-Christie Co.
124 N. Clinton St. (6)
FR 2-9540
121. Barrymount Corp., The
7029 W. Grand Ave.
NA 2-3250
122. Barth, Jr., W. L.
7117 W. Addison St. (34)
KI 5-7975
123. Batz Supply Co.
4339 W. Peterson Ave.
124. Baur, R. E.
600 S. Michigan Ave., Room 1025
WA 2-1841, 42
125. Bausch & Lomb Optical Co.
740 W. Washington Blvd. (6)
ST 2-9232
126. Bay State Abrasive Products Co.
3701 W. 49th St. (32)
FR 6-6677
127. Beck, Don G.
7727 S. Kedzie Ave. (29)
WA 5-2320
128. Beck, Harry J.
5025 W. Armitage Ave. (38)
BE 7-6300
129. Becker Engineering & Supply Co.
5727 N. Central Ave. (46)
RO 3-3187-B
130. Behr-Manning Co.
2929 N. California Ave. (18)
IN 3-1316
131. Bell, Arthur R.
3534 W. 83rd Pl. (29)
FR 2-5049
132. Bellows Co., The
6120 W. North Ave. (39)
NA 2-4808
133. Bel-Ray Co., Inc.
30 W. Washington St. (2)
CE 6-5005
134. Benster Welding Supply Co.
5517 W. Division St. (51)
135. Bergstrom, Louis A.
3101 N. Natoma Ave. (24)
TU 9-0149
136. Bernstein & Co., George M.
12 S. Clinton St. (6)
137. Berry Bearing Co.
2633 S. Michigan Ave. (16)
DA 6-6800
138. Beryllium Corp., The
205 W. Wacker Dr. (6)
AN 3-3353
139. Bethlehem Steel Co.
Prudential Plaza (1)
140. Beyer, Wayne
7425 N. Oriole
141. Biddle Purchasing Co.
300 W. Adams St. (6)
ST 3-9643
142. Bierhaus-Balhorn Sales, Inc.
5967 W. Madison St. (44)
CO 1-1928
143. Billings & Spencer Co., The
100 S. Jefferson St. (6)
AN 3-2744
144. Black & Decker Manufacturing Co.,
The
1100 W. Jackson Blvd. (7)
TA 9-3500
145. Black & Co., Sidney J.
916 N. Cicero Ave. (51)
146. Blackhawk Engineering Co.
3332 Milwaukee Ave. (41)
MU 5-4251
147. Blakeslee Co., J. K.
1553 W. Madison Ave.
148. Blanche & Co., A. C.
1244 N. Dearborn St. (9)
149. Bliss Co., E. W.
5946 W. Cermak Rd. (50)
BI 2-1873
150. Bluzat Co., Rene
6322 N. Milwaukee Ave. (46)
SP 4-1500
151. Borschel, Donald E.
12639 S. Yale Ave. (28)
WA 8-8641
152. Bosler Supply Co.
1935 S. Wabash Ave. (16)
153. Boston Gear Works Branch
5445 W. North Ave.
NA 2-8740
154. Bower Industrial Equipment Co.
440 N. Cicero Ave. (44)
MA 6-3331
155. Boyd-Wagner Co.
1440 W. Lake St. (7)
HA 1-1200
156. Brady Co., W. H.
1919 N. Harlem Ave. (35)
NA 2-2731
157. Braeburn Alloy Steel Corp.
7545 S. Claremont Ave. (20)
PR 8-0300
158. Brainer Engineering, H. R.
303 W. Monroe St. (6)
ST 2-0520
159. Brett Machinery Co.
1 N. Pulaski Rd. (24)
SA 2-1200
160. Bridgeport Brass Co.
3453 W. 47th Pl. (32)
161. Briere Mill Supplies
1618 Fullerton (14)
GR 7-2891
162. Brightboy Industrial Div.
2003 W. Estes Ave. (45)
AM 2-5628
163. Bristol Co., The
351-363 E. Ohio St. (11)
WH 4-3190
164. Brock Tool & Supply Co.
4525 N. Ravenswood Ave. (40)
165. Bronze Bearings, Inc.
3832 N. Cicero Ave. (41)
AV 2-2337
166. Brooke Machine Tools, Walter H.
5740 W. Chicago Ave. (51)
ES 9-1952
167. Bruning Co., Charles
4700 W. Montrose (41)
168. Buffalo Forge Co.
20 N. Wacker Dr. (6)
169. Bunting Brass & Bronze, The
1355 W. North Ave. (22)
AR 6-8888
170. Burgmaster Machinery Co.
4903 N. Lincoln Ave.
LO 1-1178
171. Burkhardt Machinery Co.
221 N. La Salle St. (1)
RA 6-6821
172. Burlow, Harry B.
179 W. Washington St., Room 916
CE 6-4343
173. CTR Sales & Grinding Co.
1335-1337 N. Halsted St. (22)
MI 2-6061
174. Cadillac Gage Co.
4806 W. Chicago Ave.
MA 6-6026
175. Camras Equipment Co., Inc.
30 S. Clinton St.
176. Capewell Manufacturing Co., The
3050 N. Cicero Ave. (41)
177. Capparelli, Frank N.
15 S. Austin Blvd. (44)
CO 1-4399
178. Carborundum Co., The
3335 W. 47th St. (32)
LA 3-7100
179. Card Division, S. W.
2959 W. Peterson Ave.
SU 4-4433
180. Carlson Electronics
6677 N. Northwest Hwy. (31)
SP 4-0377
181. Carr, Joseph J.
12547 S. Stewart Ave. (28)
CO 4-8853
182. Carrier Corp.
Merchandise Mart Plaza
222 W. North Bank Dr. (54)
WH 4-3441
183. Carrier, G. R.
10341 S. Western Ave. (43)
HI 5-6300
184. Carroll, Wallace E.
35 East Wacker Dr.
185. Castle Engineering Co.
6317 S. Western Ave. (36)
GR 6-8877
186. Center Sales Co.
180 N. Halsted St. (6)
HA 1-2130
187. Central Cutting Tool Co.
5511 Diversy Ave. (39)
BR 7-4638
188. Central Scientific Co.
1700 Irving Park Rd. (13)
189. Central Solvents & Chemicals Co.
2540 W. Flournoy (12)
SE 3-0505
190. Central Steel & Wire Co.
3000 W. 51st St. (80)
RE 7-3000
191. Central Tool & Supply Co.
4249 W. Division St. (51)
SP 2-7111
192. Central Tools Co.
80 E. Jackson Blvd. (4)
WA 2-1198

SALES OFFICES

ILLINOIS

193. Central West Machinery Co.
335 S. Western Ave. (12)
HA 1-0900
194. Century Electric Co.
4811 W. Fullerton Ave. (39)
NA 2-4111
195. Century Tool & Supply
5708 S. Kedzie Ave. (29)
196. Chain Belt Co.
20 N. Wacker Dr. (6)
FR 2-4816 and 3-4836
197. Chainveyor Corp.
5306 W. Lawrence Ave. (30)
KI 5-3868
198. Chambers, L. A.
5906 W. North Ave.
TU 9-4884
199. Chase Brass & Copper Co.
5401 W. Grand Ave. (39)
TU 9-4000
200. Chicago Bearing & Power Drive Co.
1525 S. State St.
HA 7-7092
201. Chicago Hi-Speed Tool Co.
2721 N. Halsted St. (14)
BI 8-8200
202. Chicago Pneumatic Tool Co.
936 E. 87th St. (19)
HU 8-2460
203. Chicago Precision Supply Co.
618 W. Jackson Blvd. (6)
DE 2-0945
204. Chicago Pulley & Shafting Co.
23 N. Desplains St.
FR 2-7726
205. Chicago Supply & Tool Co.
901 N. Western Ave. (22)
EV 2-3933
206. Chicago Tool Sales & Service
3407 N. Harlem
207. Chicago Tube & Iron Co.
2531 W. 48th St. (32)
208. Chicago Welding Sales Co.
2703-13 S. Kedzie Ave. (23)
209. Chicago Wheel & Manufacturing Co.
1101 W. Monroe St. (7)
210. Chisholm-Moore Hoist Div.
6240 S. Kedzie Ave. (29)
PR 6-4183
211. Circo Equipment Co.
2013 W. North Ave. (47)
HU 9-1677
212. Clark & Barlow Hardware Co.
123 W. Lake St.
213. Clark Equipment Co.
3400 N. Western Ave.
214. Clarkson, Walter
5306 W. Lawrence (30)
PE 6-4442
215. Cleco Div.
5926 S. Pulaski Rd. (29)
PO 7-1166
216. Cleveland Cap Screw Co.
133 S. Racine Ave. (7)
MO 6-6330
217. Cleveland Tramrail Chicago Co.
565 W. Washington Blvd. (6)
FR 2-5570
218. Cleveland Twist Drill Co., The
9 N. Jefferson St. (6)
FR 2-8104
219. Cobrin & Co., Buddy
624 S. Michigan
WE 9-2102
220. Colson Corp., The
162 N. State St. (1)
FI 6-7545
221. Commercial Shearing & Stamping,
Inc.
5757 W. 65th St. (38)
ST 2-9470
222. Commonwealth Supply Corp.
315 S. Green St. (7)
223. Complete Electrical Supply
10705 S. Michigan Ave.
224. Conant Broach Co.
347 W. 107th St. (28)
CO 4-0400
225. Conlon & Co., Ed
6677 Northwest Hwy. (31)
226. Consolidated Electrodynamics Corp.
2540 W. Peterson Ave.
227. Conveyor Equipment Co.
15 S. Austin Blvd. (44)
228. Copland & Associate, Norman G.
2141 W. Lawrence Ave.
UP 8-7500
229. Cornwell Tool Co.
4548 N. Milwaukee (30)
230. Courtright & Co., Hugh
7600 Greenwood Ave.
231. Crane Co.
836 S. Michigan Ave. (5)
232. Crooks, W. A.
9 S. Clinton St. (6)
ST 2-1952
233. Crown Supply Co.
4470 N. Elston Ave. (30)
SP 7-1200
234. Crucible Steel Co.
4501-4531 W. Cortland St. (39)
SP 2-0200
235. Crump & Co., A. L.
4936 N. Lincoln Ave. (25)
236. Curren Co., James
1620 N. 73rd Ct. (35)
237. Curtis Manufacturing Co.
9 S. Clinton (6)
ST 2-1952
238. D & V Tool Co.
10900 Parnell (38)
239. Dahly Tool Co.
4939 W. Fullerton (39)
ME 7-3221
240. Daniels Supply & Tool Co.
4447 W. Fullerton (39)
HU 9-1030
241. Danits & Co., Inc., Samuel
230 N. Morgan St. (7)
SE 8-1800
242. Danly Machine Specialties
2100 S. Laramie Ave. (50)
BI 2-1800
243. Darnell & Associates, Larry
2947 Touhy Ave. (45)
BR 4-8210
244. Darrah, Inc., B. W.
205 W. Wacker Dr. (6)
245. Davenport & Fellingner
1559 W. 83rd St. (20)
BE 8-5144
246. Dean Machinery Co., Inc.
80 E. Jackson Blvd. (4)
WA 2-0534
247. Dearborn Rubber Corp.
108-112 N. Clinton
CE 6-9381
248. Harry Deerwester
1904 W. Monterey (43)
BE 8-1253
249. De Laval Separator Co., The
5724 N. Pulaski Rd. (46)
IN 3-3020
250. Delco Products Div.
3430 W. Division St. (51)
DI 2-1343
251. Denison Engineering Div.
7000 W. 63rd St. (38)
RE 5-7474
252. deSanno & Son, Inc., A. P.
1500 S. Western Ave. (8)
SE 3-0470
253. Detrex Chemical Industries, Inc.
5875 N. Lincoln
LO 1-9658
254. Detroit Mold Engineering Co.
5901 W. Division St. (51)
MA 6-2900
255. DeVillbiss Co., The
1280 W. Washington Blvd. (7)
CA 6-6847
256. Die Details Supply Co.
8033 S. Kenton Ave. (29)
RE 3-6236
257. Diehl Manufacturing Co.
1019 W. Jackson Blvd. (7)
TA 9-4556
258. Dietzgen Co., Eugene
2425 Sheffield Ave. (14)
259. Diston Div.
1100 W. Washington Blvd.
CH 3-3770
260. DoAll Midwest Co.
4650 W. Fullerton Ave. (39)
AL 2-5300
261. Dobe & Co., J. W.
3907 N. Albany Ave. (18)
KE 9-6023
262. Dodge-Chicago Industrial Equipment
Co.
330 E. 24th St. (16)
CA 5-8500
263. Dodge Manufacturing Corp.
407 S. Dearborn
HA 7-2980
264. Dolan, Victor E.
3426 N. Harlem Ave.
TU 9-2460
265. Donchin Co., J. W.
4835 W. Chicago Ave. (51)
CO 1-2182
266. Doran, E. G.
4806 W. Chicago (51)
ES 8-4213
267. Dorr Co., N. W.
5807 W. Division St. (51)
CO 1-6667
268. Dorsey Gage Co., Inc.
269. Dost, Inc., R. B.
201 N. Wells St. (6)
CE 6-9517
270. Dow Chemical Co., The
600 W. Touhy Ave. (48)
SP 4-6000
271. Dow Corning Corp.
6101 W. Fullerton Ave. (39)
TU 9-5900
272. Dorod, Inc.
75 Wacker Dr. (6)
273. Drive-All Manufacturing Co.
332 S. Michigan Ave. (4)
HA 7-6122
274. Duggan, R. W.
400 W. Madison St.
FI 6-4143
275. Durez Plastics Div.
1 N. LaSalle St. (2)
FR 2-8757
276. Durrie Sales Co.
605 W. Washington St. (6)
FR 2-9525
277. Eaton Manufacturing Co.
332 S. Michigan Ave. (4)
HA 7-4441
278. Eckholm & Taylor
564 W. Adams St. (6)
FI 6-4800
279. Eclipse Air Brush Co.
331 N. Austin Blvd. (44)
MA 6-7564
280. Econ-O-Cloth
2812 E. 79th St. (49)
281. Edens Equipment Co.
333 N. Michigan Ave. (1)
FI 6-3556
282. Ehret & Kinsey
141 W. Jackson Blvd. (4)
WA 2-0449
283. Electric Supply Corp.
701 W. Jackson Blvd. (6)
AN 3-5225
284. Electro-Alloys Div.
155 N. Wacker Dr. (6)
DE 2-2345
285. Electronic Aides
5 Hubbard St. (10)
MI 2-2134
286. Ellis Engineering Co., R. E.
5001 W. Fullerton Ave. (39)
NA 2-1862
287. Ellman & Zuckerman
119 S. Jefferson St. (6)
CE 6-3905
288. Engelhardt, A. A.
4935 W. Fullerton (39)
TU 9-6220
289. Engelhardt & Son, Geo. A.
1060 Milwaukee Ave.
290. Engis Equipment Co.
431 S. Dearborn St. (5)
HA 7-3223

SALES OFFICES

ILLINOIS

CHICAGO (cont.)

291. Erickson Tool Co.
6015 N. Cicero Ave. (30)
MU 5-5111
292. Erien Products, Inc.
1016 W. 79th St.
HU 8-1322
293. EUNA
5449 W. Lawrence Ave. (30)
SP 7-8586
294. Easley Machinery Co., E. L.
565 W. Washington Blvd.
RA 6-9644
295. Etico Tool & Machine Co., Inc.
2822 W. Peterson (45)
RO 1-6050
296. Eutectic Welding Alloys
1652 E. 87th St. (17)
RE 1-2424
297. Evans & Co., L. G.
5027 W. Fullerton Ave. (39)
TU 9-4300
298. Exact Weight Scale Co., The
608 S. Dearborn St. (5)
WA 2-9090
299. Exolon Co., The
5252 N. Broadway (40)
300. Exportadora, Inc. of Illinois
188 W. Randolph St.
FR 2-3689
301. Factory Standards Lab., Inc.
416 N. State St. (10)
302. Fader & Co., A. L.
223 N. Desplaines Ave. (6)
303. Fafnir Bearing Co., The
3334 W. Newport Ave. (18)
CO 7-6262
304. Fairbanks Co., The
2600 S. Throop St. (8)
CA 5-3600
305. Fairbanks, Morse & Co.
1550 S. State St. (5)
HA 7-7100
306. Fanco Machine Co.
205 W. Wacker Dr.
ST 2-7508
307. Farrel-Birmingham Co., Inc.
10725 S. Western Ave. (43)
PR 8-3421
308. Federal-Bryant Machinery Co.
4639 Washington Blvd. (44)
ES 8-3307
309. Federal Products Corp.
5928 S. Pulaski Rd. (29)
RE 5-8308
310. Fee, Paul
400 W. Madison St.
CE 6-8323
311. Fellows Gear Shaper Co., The
5835 W. North Ave. (39)
BE 7-5444
312. Felters Co., The
4945 W. Belmont (41)
KI 5-8804
313. Field Tool & Supply Co.
29 S. Des Plaines St.
314. Fisher Scientific Co.
1458 N. Lamon Ave. (51)
315. Fleisch, Gene
5306 W. Lawrence Ave. (30)
KI 5-3582
316. Flinn & Dreffin Engineering Co.
36 S. Wabash Ave.
ST 2-4071
317. Flow Products, Inc.
5656 W. Diversey Ave. (39)
TU 9-5252
318. Foster Supplies Co.
6122 Milwaukee Ave. (30)
NE 1-8888
319. Fostoria Pressed Steel Corp.
539 W. North Ave. (10)
MO 4-5590
320. Four States Machinery Co.
3300 W. Chicago Ave. (51)
ES 9-3290
321. Frabimor Equipment
800 N. Clark St. (10)
SU 7-4366
322. Freeman, Ed
1645 Wabansia Ave. (22)
AR 6-8780
323. Fullerton Steel & Wire Co.
6605 W. Fullerton Ave. (35)
ME 7-2706
324. Gardner-Denver Co.
1200 W. Fulton St. (7)
HA 1-1051
325. Garlock Packing Co., The
600 W. Jackson Blvd. (6)
RA 6-6716
326. Garrett Co., Inc., Geo. K.
5875 N. Lincoln Ave. (45)
AR 1-6900
327. Gasperik, E. L.
2606 W. 83rd St. (29)
GR 6-7368
328. General Bearings Co.
2436 Michigan Ave.
329. General Electric Co.
840 S. Canal St. (80)
WA 2-5611
- 329A. General Electric Co.
Metallurgical Products Dept.
4117 S. Western Blvd. (9)
330. Geometric-Horton
611 W. Washington Blvd. (6)
DE 2-5460
331. Girard & Son, P. R.
327 S. LaSalle St. (4)
HA 7-2718
332. Goldsmith Associates, Inc. Phil
9944 S. Hamilton Ave. (43)
TE 7-6041
333. Gordon Co., Claud S.
3000 S. Wallace (16)
VI 2-6525
334. Gottschalk, Jr., L. J.
5200 W. Chicago Ave. (51)
AU 7-0786
335. Graham, Andrew
2904 Wilson Ave.
RA 6-8871
336. Grainger, Inc., W. S.
118 S. Oakley Blvd. (12)
337. Grand Tool & Supply Co.
7209 W. Grand Ave.
338. Grant, A. R.
6760 Stony Island Ave. (49)
339. Grant, William H.
333 N. Michigan Ave. (1)
AN 2-2479
340. Great Lakes Supply Co.
1026 W. 50th St. (9)
AT 5-6622
341. Greenfield Tap & Die Corp.
611 W. Washington Blvd. (6)
DE 2-5640
342. Greer Hydraulics, Inc.
1908 W. Cermak Rd.
LA 3-1655
343. Grobet File Co. of Chicago
311 N. Desplaines St. (6)
CE 6-1489
344. Guarantee Generator & Armature Co.
850 N. Ogden Ave. (22)
MO 6-0370
345. Guardian Metal Sales, Inc.
5000 W. Bloomingdale Ave.
346. Gurley-Ortman, Inc.
3210 N. Major Ave. (34)
KI 5-7874
347. Gulf Oil Corp.
200 N. Michigan Ave. (1)
FI 6-3870
348. Gute Co.
6272 W. North Ave. (39)
ME 7-1137
349. Hajduk Co., Edward C.
5150 N. Mulligan Ave. (30)
RO 3-8445
350. Hammond & Metcalfe
130 N. Wells St. (6)
FI 6-8774-8775
351. Handy & Harman
1900 W. Kinzie St. (22)
SE 3-1234
352. Hanson-Van Winkle-Munning Co.
6121 N. Elston Ave. (30)
SP 4-6767
353. Hardinge Brothers, Inc.
5244 W. Diversey Ave. (39)
MU 5-7242
354. Harnischfeger Corp.
110 N. Wacker Dr. (6)
AN 2-6510
355. Harris Caloric Sales Co.
5057 W. Diversey Ave. (39)
TU 9-5454
356. Harris Co., P. A.
7239 W. Fitch Ave. (31)
357. Harris & Co., Samuel
114 N. Clinton St. (6)
FR 2-7272
358. Hart & Co., Roy G.
9 S. Clinton St. (6)
AN 2-2105
359. Harvey Co., The J. W.
15 S. Austin Blvd. (44)
ES 9-0978
360. Hayden & Co.
53 W. Jackson Blvd. (4)
WE 9-4121
361. Haynes Stellite Co.
230 N. Michigan Ave. (1)
FI 6-3300
362. Hello Co., Eric
5432 W. Congress St. (24)
VA 6-1800
363. Heilshorn, R. D.
8458 S. Drexel Ave. (19)
ST 3-7284
364. Helicoid Gage Div.
400 W. Madison St. (6)
365. Henderson Engineering Co.
9931 Longwood Dr. (49)
BE 8-5538
366. Henke, Al
15 S. Austin Blvd. (44)
AU 7-1550
367. Heppenstall Co.
206 S. LaSalle St. (4)
FI 6-8616
368. Hevi-Duty Electric Co.
5816 W. North Ave.
NA 2-6565
369. Higgins & Linde, Inc.
564 W. Randolph St. (6)
FR 2-2070
370. Hill-Clarke Machinery Co.
2100 S. Kilbourn Ave. (23)
371. Hill & Griffith Co., The
4606 W. 16th St. (50)
372. Himelblau, Byfield & Co.
1214-22 W. Madison St. (7)
TA 9-5450
373. Hirschmann Co., Inc., Carl
6015 N. Cicero Ave. (46)
374. Hoe & Co., Inc., R.
5569 Northwest Hwy. (30)
NE 1-8833
375. Hoffmann Co., Frank J.
5511 N. Glenwood (40)
SP 2-8682
376. Hoffman Co., Inc., Robert W.
5250 W. Kinzie St. (44)
ES 9-6165
377. Hofmann Engineering Co.
4022 W. 55th St. (32)
378. Holtzer-Cabot Div.
549 W. Washington Blvd. (6)
DE 2-4232
379. Hooper-Green Co.
407 S. Dearborn St.
HA 7-2580
380. Houghton & Co., E. F.
222 W. Adams St. (6)
DE 2-3818
381. Howell Electric Motors Co.
1500 S. Western Ave. (8)
MO 6-4318

ILLINOIS

382. Huss, Charles M.
2822 W. Peterson Ave. (43)
RO 1-6050
383. Hyd-Air Corp.
3315 N. Harlem Ave.
AV 2-0463
384. Hyatt Bearings Div.
332 S. Michigan Ave. (3)
385. IBM Corp.
6 N. Michigan Ave. (2)
CE 6-3075
386. I-T-E-Circuit Breaker
105 W. Adams St. (3)
ST 2-6132
387. Iber Co., O.
626 W. Randolph St. (6)
DE 2-1515
388. Ideal Industries, Inc.
600 W. Jackson Blvd. (6)
ST 3-9772
389. Illinois Precise Casting Co.
903 N. Spaulding Ave. (31)
VA 6-1335
390. Indiana Commercial Filters Corp.
5816 W. North Ave. (39)
NA 2-9050
391. Industrial Distributing Co.
618 W. Randolph St. (6)
CE 6-9666
392. Industrial Handling Equipment
1225 W. Monroe
393. Industrial Models, Inc.
400 W. Madison St.
FI 6-4143
394. Industrial Tool Products, Inc.
4846 W. Chicago Ave. (51)
MA 6-7060
395. Industrial Tool Sales & Service
1912 S. Drake Ave. (23)
LA 1-4900
396. Ingersoll-Rand Co.
400 W. Madison St. (6)
DE 2-4626 to 2-4635
397. Inland Steel Co.
30 W. Monroe St. (3)
FI 6-0300
398. Inspection Devices Co.
5417 S. Halsted St. (9)
KE 6-2345-6
399. Interstate Equipment
2200 N. Western Ave. (47)
EV 4-8240
400. Interstate Machinery Co., Inc.
1431 W. Pershing Rd. (9)
YA 7-5800
401. Jack & Heintz, Inc.
4006 N. Milwaukee Ave. (41)
SP 7-1067
402. Jackson-Fotsch Co.
7350 W. Lawrence Ave. (31)
UN 7-8800
403. Jacobsen & Daw, Inc.
315 S. Green St. (7)
ST 2-9470
404. Jarvis Corp.
5352 Division St. (51)
ES 9-5159
405. Jenkins, John S.
5453 W. North Ave. (39)
ME 7-2230
406. Jensen & Associate, Fred A.
510 N. Dearborn St. (10)
SU 7-3899
407. Jerico, Inc.
4744 W. Lake St. (44)
CO 1-4321
408. Jessop Steel Co.
332 S. Michigan Ave.
WE 9-4054
409. Johnson Bronze Co.
804 W. Washington Blvd. (7)
MO 6-4765
410. Johnson Tool Sales
1005 W. Belmont Ave. (13)
EA 7-4900
411. Johnson Welding Equipment Co.
3421 Belmont Ave. (18)
412. Johnston, Walter
4900 W. Madison St. (44)
MA 6-2263
413. Jones & Lamson Machine Co.
5835 W. North Ave. (39)
BE 7-1112
414. Jones & Laughlin Steel Corp.
Field Bldg. (3)
FR 2-1764
415. Jones Superior Machine Co.
2850 E. Grand Ave.
416. Jordan, William V.
228 N. LaSalle St. (1)
CE 6-9676
417. Kaiser Aluminum & Chemical Sales, Inc.
360 N. Michigan Ave. (11)
DE 2-5080
418. Kamin, W. C.
7905 S. Ada
419. Kaufman, Robert B.
6725 N. Ridge (26)
420. Kelly Co., R. A.
8324 S. Marshfield (20)
BE 3-3218
421. Kemp-Manning Sales Co.
6571 Olmsted (30)
SP 4-3406
422. Kennametal, Inc.
5830 W. 26th St. (50)
BI 2-2420
423. Kerns Co., L. R.
2657 E. 95th St. (17)
SA 1-4655
424. Killian Equipment Co.
1919 N. Harlem Ave. (35)
425. Kilpatrick, Jr., W. H.
222 W. North Bank Dr.
426. Kirkwood Equipment & Supply Co.
4030 W. Division St. (51)
SP 2-3240
427. Kleer-Flu Co., The
1807 Indiana Ave.
CA 5-4196
428. Knives and Saws, Inc.
516-520 N. Cicero Ave. (44)
ES 8-4000
429. Kraft, Roland C.
11816 Longwood Dr. (43)
430. Krivo Industrial Supply Co.
1618 W. Fullerton Ave. (14)
BU 1-8821
431. Labquip Corp.
1829 N. Harlem (35)
NA 2-5720
432. Laird, Porter
4876 W. Armitage Ave. (39)
TU 9-5122
- 432A. Lake Erie Machinery Corp.
608 S. Dearborn St. (5)
433. Lambertson, Frank
9 S. Clinton St. (6)
RA 6-4474
434. Lamson & Sessions Co., The
5025 W. 73rd St. (38)
PO 7-8010
435. Lance Gypsum & Lime
4325 Ogden
436. Lane, Lee E.
1420 S. Michigan Ave.
437. Lang & Swanson
1154 N. Monitor Ave. (51)
438. Langdon Industrial Supply Co.
5516-18 W. Division St. (51)
ES 8-1800
439. Lavallee & Ide, Inc.
180 N. Halsted St. (6)
HA 1-6393
440. Lebovitz Brothers
2094-08 W. Grand Ave. (12)
441. Lee & Sons, Harry
4216 W. North Ave. (39)
CA 7-3500
442. Lee Supply & Tool Co.
838 W. Adams St. (7)
CH 3-2200
443. Leeds & Northrup Co.
307 N. Michigan Ave. (1)
CE 6-3428
444. Lehmann Sales Co.
830-30 N. LaSalle Bldg. (2)
DE 2-0711
445. Leighton Co., Harry W.
5800 N. Western Ave. (45)
LO 1-2477
446. Leland Electric Co., The
5875 N. Lincoln Ave. (45)
LO 1-0971
447. Leland-Gifford Co.
2515 W. Peterson Ave. (45)
LO 1-3844
448. Lempeo Industrial, Inc.
2900 N. Western Ave. (18)
IR 8-2297
449. Lepel High Frequency Laboratories, Inc.
101 E. Ontario St. (10)
WH 4-1483
450. L'Hommedieu & Sons Co., Chas. F.
4521 Ogden Ave.
LA 3992
451. Lima Electric Motor Co., Inc., The
10742 S. Western Ave. (43)
BE 8-2169
452. Lincoln Engineering Co. of Illinois
855 N. Elston Ave. (22)
CH 3-0633
453. Linde Co.
230 N. Michigan Ave. (1)
FI 6-3300
454. Linick & Co., Ernest
5 S. Wabash Ave.
CE 6-8820
455. Linux Welding Supply Co.
4516 Irving Park Rd. (41)
456. Liquid Carbonic Corp., The
3100 S. Kedzie Ave. (23)
457. Loeb Equipment Supply Co.
824 W. Superior St. (22)
SE 8-1431
458. Loeffel Co., Inc., The Arthur
5608 N. Western Ave. (45)
AR 1-3774
459. Lord Manufacturing Co.
520 N. Michigan Ave. (11)
MI 2-6010
460. Lowden & Co.
3404 N. Harlem Ave. (34)
TU 9-6040
461. Lukens Steel Co.
332 S. Michigan Ave. (4)
WE 9-3880
462. Luther & Pedersen, Inc.
565 W. Washington Blvd. (6)
ST 2-6334
463. Lynch, Harry
15 S. Austin Blvd. (44)
ES 9-3921
- 463A. Lyon Metal Products, Inc.
300 W. Adams St., Suite #238 (6)
464. M & H Engineering, Inc.
7026 W. North Ave. (35)
NA 2-3020
465. McCarthy, W. G.
5529 1/2 Kenmore
466. Macco Products Co., The
9210 S. Sangamon St. (20)
PR 9-0800
467. Machinery Dealers
606 W. Lake St. (6)
468. Machinery International, Inc.
315 S. Green St. (7)
ST 2-8072
469. Machinery & Welder Corp.
1324 W. Fulton St. (7)
HA 1-3620
470. Machlett Laboratories, Inc.
510 N. Dearborn St. (10)
MI 2-5216
471. Mac-it Parts Co.
7427 S. Shore Dr. (49)
ES 5-9671
472. Machin, Frank J.
55 E. Washington
473. Madeska, G. H.
122 S. Michigan Ave. (3)
HA 7-7821
474. Magnuson Co., Edward
3349 W. Irving Park Rd. (18)

SALES OFFICES

ILLINOIS

CHICAGO (cont.)

475. Mahon Co., The R. C.
231 S. LaSalle
ST 2-6424
476. Mahr Manufacturing Co.
4906 N. Hermitage Ave. (40)
LO 1-2886
477. Mallegg, Inc., O. O.
490 W. Madison St.
FR 2-4868
478. Mallory & Co., Inc., P. R.
3672 Milwaukee Ave. (41)
KI 5-1025
479. Manderscheid Co., The
210 S. Clinton St. (6)
480. Mann, L. W.
6725 N. Ridge (28)
481. Manufacturers Industrial Supply Corp.
5459 W. Division St. (51)
482. Manufacturer Supply Co.
1154 N. Monitor Ave. (51)
ES 9-1600
483. Marathon Electric Manufacturing Corp.
2701 N. Paulina St. (14)
EA 7-8450
484. Marklin Supply Co., Inc.
3640 W. Ogden Ave. (23)
485. Marlin-Rockwell Corp.
4659 W. 47th St. (32)
LU 5-2100
486. Marshall & Hushart Machinery Co.
571 Washington Blvd. (6)
RA 6-8860
487. Marshall International, J. D.
170 W. Washington St. (2)
DE 2-5674
488. Marsland & Co., Hugh
6699 Lincoln Ave. (45)
OR 6-1100
489. Martin & Co., W. I.
224 S. Michigan Ave. (4)
490. Masten Bearing Sales, Inc.
3834 N. Cicero Ave. (41)
MU 5-8113
491. Master Pneumatic Tool Co., Inc.
3426 N. Harlem Ave.
TU 9-2460
492. Matthews & Co., Jas. H.
3729 Belmont Ave. (18)
KE 9-6773
493. Matthews & Co., Max. A. R.
1224-1228 Belmont Ave. (13)
QR 2-2500
494. Mattusch & Associate, C. George
265 W. Wacker Dr. (6)
ST 2-7508
495. Maurey Manufacturing Corp.
2907 S. Wabash Ave. (16)
DA 6-5151
496. Mayer & Oswald
407 S. Dearborn (5)
HA 7-0528
497. McAdaragh, R. D.
17 W. 108th Pl. (28)
CO 4-0933
498. McClean Machinery Co.
549 W. Washington Blvd. (6)
ST 2-7793
499. McCumb, Gordon B.
9909 S. Walden Pkwy. (43)
PR 9-1188
500. McKay Co., The
1500 S. Western Ave.
SE 8-3116
501. McLean Machinery
30 N. Clinton St. (6)
ST 7793
502. McMaster Carr Supply Co.
640 W. Lake St. (6)
AN 3-3161
503. McMeekin Equipment Co.
5643 W. Division St. (51)
504. Mead Specialties Sales
549 W. Washington Blvd. (6)
ST 2-8353
505. Merdco, Inc.
4959 W. Belmont Ave. (41)
AV 2-2411
506. Metal Carbides Corp.
4244 W. Diversey Ave. (39)
BF 7-3249
507. Metal Parts & Equipment Co.
620 N. Michigan Ave. (11)
SU 7-9821
508. Metropolitan Hardware Co., The
526 S. Dearborn St. (5)
509. Meyer Supply Co., Inc.
170 N. Clinton St. (6)
RA 6-2580
510. Meyer & Wenthe, Inc.
30 S. Jefferson St. (6)
511. Michigan Abrasive Co.
6261 W. Grand Ave. (39)
NA 2-9077
512. Micro Deburring Co.
5827 W. Lake St. (44)
ES 9-0667
513. Mid-City Industrial Supply
318 S. Halsted St. (6)
AN 3-1366
514. Mid-Continent Products Co.
6055 W. Belmont St. (34)
NA 2-1812
515. Midland Engineering & Supply Co.
7517 W. Belmont Ave. (34)
TU 9-3500-01-02
516. Mid-States Supply & Tool Co., Inc.
228 N. Cicero Ave. (44)
ES 9-2222
517. Mid-West Abrasive Co.
5805 W. Diversey Ave. (39)
518. Midwest Surplus Tool & Supply
545 W. Lake St.
519. Midwestern Tool Co.
3932 W. Diversey Ave. (47)
520. Miller Electric Manufacturing Co., Inc.
3922 W. 104th St.
BE 3-6467
521. Miller, Inc., H. K.
7426 S. Halsted St. (21)
HU 3-5640
522. Millers Falls Co.
612 W. Randolph St.
523. Mills Engineering Sales, Inc.
407 S. Dearborn St. (5)
524. Milwaukee Electric Cool Corp.
3040 N. Ashland Ave. (13)
DI 8-5667
525. Modco Tools Div.
2954 N. Pulaski Rd.
SP 7-1025
526. Moeller Engineering & Sales
4333 W. Peterson Ave. (30)
SP 7-6421
527. Monaco, Art.
1625 N. Newland (35)
NA 2-5473
528. Montgomery Equipment Co.
549 W. Washington Blvd. (6)
CE 6-6146
529. Mooney, Inc., Pat
3753 W. Ogden Ave. (23)
CR 7-6200
530. Moore, Ed
518 Bishop St. (22)
531. Moore Products Co.
1809 E. 71st St. (49)
PL 2-5748
532. Morse Chain Co.
4868 N. Clark St. (40)
LO 1-7320
533. Morse Twist Drill & Machine Co.
571 W. Randolph St. (6)
DE 2-0062
534. Munday, H. W.
332 S. Michigan Ave. (4)
HA 7-4266
535. Murphy & Dickey
537 S. Dearborn St. (5)
536. Murphy, W. H.
10515 S. Hamilton Ave. (43)
BE 8-5017
537. Murphy Co., W. O.
10336 S. Western Ave. (43)
BE 3-4155
538. Muzzy & Peters Co.
565 W. Washington Blvd. (6)
FR 2-8866
539. N & R Equipment, Inc.
2417 N. Ashland Ave. (14)
LA 5-3763
540. National Acme Co., The
559 W. Washington Blvd. (6)
DE 2-1823
541. National Refining Co.
452 N. Jefferson
MO 6-8712
542. National Steel & Copper Plate Co.
700 S. Clinton St. (7)
543. Neal Machinery Co.
3734 W. Belmont Ave. (18)
JU 8-4410
544. Neff Kohlbusch & Bissell
5700 W. North Ave. (39)
ME 7-3070
545. Nelson, R.
1459 Edgewater Ave. (26)
LO 2-2730
546. Nelson Stud Welding
6556 W. Higgins Rd. (31)
NE 1-8406
547. Neuman, John
5133 Dakin Ave. (41)
548. New Departure Div.
222 W. Adams St. (6)
DE 2-7023
549. New Jersey Zinc Co., The
221 N. LaSalle St. (1)
550. N. Y. & N. J. Lubricant Co.
6151 S. Honore St. (38)
TA 9-1553
551. New York Twist Drill Co., Inc.
30 N. Clinton St. (6)
RA 6-1294
552. Nichol, Harry
3426 N. Harlem Ave.
TU 9-2460
553. Noble Co., Inc., H. M.
4710 W. Cermak Rd. (50)
554. Norma-Hoffmann Bearings Corp.
3317 N. Harlem Ave. (34)
AV 2-3244
555. Norman Engineering Co.
2115 W. Marquette Rd. (36)
HE 4-2300
556. Norris Engineering Co., Inc., Walter
20 N. Wacker Dr. (6)
ST 2-2804
557. Northern Industrial Supply
4708 W. Armitage Ave. (39)
NA 3-1100
558. Norton Co.
4737 S. Christiana Ave. (32)
559. O. K. Tool Co., Inc., The
5125 W. North Ave.
560. Oakite Products, Inc.
400 N. Michigan Ave. (11)
SU 7-8058
561. Obermayer Co., The S.
2563 W. 18th St. (8)
LA 1-2414
562. Offen, Charles
4806 W. Chicago Ave. (51)
563. Ohio Knife Co., The
600 S. Michigan Ave. (5)
HA 7-3239
564. Oilgear Co., The
4754 W. Washington Blvd. (44)
AU 7-8649
565. Oliver Machinery Co.
3555 W. Peterson Ave. (45)
CO 7-1041
566. Optical Gaging Products, Inc.
154 E. Erie St. (11)
SU 7-1546
567. Osborn Manufacturing Co., The
5923 S. Kedzie Ave. (29)
WA 5-4172
568. Owens Co., Roy W.
4318 W. Cermak (23)
569. Owen Welding Supply Co.
1927 Monterey Ave. (43)
BE 8-3327

ILLINOIS

570. Ozalid Branch
1219 N. LaSalle St. (10)
MI 2-7505
571. Pabco Industries, Inc.
6943 W. Grand Ave. (25)
ME 7-3766
572. Page Sales Service
407 S. Dearborn St. (5)
FL 2-1406
573. Paint & Lacquers, Inc.
1250 Augusta Blvd. (22)
574. Paint Specialties Sales Co.
2433 W. Michigan
575. Pallat & Co., H. H.
112 N. Green St. (7)
HA 1-0613
576. Pannier Corp., The
7460 S. Vincennes Ave. (21)
HU 8-2910
577. Pantex Manufacturing Corp.
5364 Northwest Hwy.
RO 3-1358
578. Parish Machinery Co.
600 S. Michigan Ave. (5)
WE 9-4608
579. Park Chemical Co.
2008 W. 102nd St. (43)
CE 3-7135
580. Parker Rust Proof Co.
5875 N. Lincoln Ave. (45)
LO 1-1730
581. Passman Bros., Inc.
1101 W. Lake St.
582. Patlyn Gear & Transmission Co.
2456 W. 38th St.
YA 7-8484
583. Paulsen Co., B. R.
1755-57 W. Madison St.
SE 3-1872
584. Pearce Tool & Gage Co.
565 W. Washington (6)
ST 2-1960
585. Pederson Brothers Tool & Supply Co.
621 Washington Blvd. (6)
RA 6-4102
586. Peninsular Grinding Wheel
3151 W. 47th St. (32)
LA 3-4811-2
587. Peterson Tool Co., Clifford
123 N. Jefferson St.
FI 6-4046
588. Peterson & Associates, Vincent T.
332 S. Michigan Ave. (4)
WA 2-7073
589. Phillips Manufacturing Co.
3475 W. Touhy Ave. (45)
AM 2-6020
590. Pitman, Harold M.
51st Ave. and 33rd St. (50)
591. Platers Technical Service, Inc.
509 S. Wabash Ave. (5)
HA 7-7648
592. Plating Materials Co.
5047 W. Fullerton (39)
BE 7-7580
593. Pneu-draulic Sales Co.
2955 W. 59th St. (29)
RE 7-3838
594. Polymer Corp. of Pennsylvania, The
3760 W. Devon Ave. (45)
CO 7-8050
595. Portage Products Co.
2916 N. Cicero Ave.
596. Porter, R. D.
1946 W. Foster Ave. (40)
LO 1-6530
597. Porter-Cable Machine Co.
5707 W. Division St.
CO 1-2690
598. Porter Precision Products
9030 S. Hermitage (20)
PH 9-5277
599. Post Co., Frederick
Box #03
3650 N. Avondale (90)
600. Power Transmission Equipment Co.
1245 W. Fulton St. (11)
MO 6-1500
601. Pratt & Whitney Co., Inc.
4649 W. Fullerton Ave. (39)
HU 9-1626
602. Precision Gage Co., Inc.
7947 S. Harvard Ave. (20)
TR 4-0135
603. Precision Rubber Products Corp.
400 W. Madison St. (6)
CE 6-2720
604. Procon Safety Chuck Co.
18 S. Clinton St. (6)
FR 2-1045
605. Product Maintenance, Inc.
4358 Montrose Ave. (41)
SP 7-1212
606. Production Tool Specialties
15 S. Austin Blvd. (44)
CO 1-8422
607. Pulver Machinists' Supply Co.
27-29 N. Jefferson St. (6)
FR 2-5010
608. PurOlator Products, Inc.
5955 N. Rockwell St. (45)
609. Quaker Tool Co.
1115 S. Pulaski Rd.
610. Quality Die Co.
3065 E. 93rd St.
ES 5-6601
611. Quality Rubber & Transmission Co.
334 N. Bell Ave.
CH 3-7210
612. R. S. & W. Industries, Inc.
5655 W. North Ave. (39)
BE 7-9595
613. Raco Industrial Corp.
Merchandise Mart Bldg.
614. Ranney Engineering Co.
4218 W. 63rd St. (29)
PO 7-4969
615. Rapid Industrial Supply Co.
2141 S. Pulaski Rd.
LA 1-3341
616. Rapistan of Chicago, Inc.
6911 W. 59th St. (38)
LU 5-0661
617. Reed-Prentice Div.
538 N. Western Ave. (12)
CA 6-0701
618. Reeves Pulley Co.
3300 N. Knox Ave. (41)
AV 2-0406
619. Reilly Co., The T. A.
10340 S. Western Ave. (43)
PR 9-5030
620. Reliance Electric & Engineering Co.
3300 N. Knox Ave. (41)
AV 2-0406
621. Remington Arms Co., Inc.
7 S. Dearborn St. (3)
ST 2-7781
622. Republic Bearing & Transmission Co.
132 N. Clinton St. (6)
623. Republic Steel Corp.
1200 McCormick Bldg. (4)
WA 2-3279
624. Resistoflex Corp.
80 E. Jackson Blvd. (4)
HA 7-8243
625. Revere Copper & Brass, Inc.
2200 N. Natchez Ave. (35)
626. Revere Electric Supply Co.
2501 W. Washington St. (12)
627. Reynolds Metals Co.
Wrigley Bldg. (11)
WH 4-2200
628. Reynolds Tool Supply Co.
5042 W. Madison St. (44)
ES 8-1100
629. Rhoads & Sons, J. E.
549 W. Washington St. (6)
CE 6-6130
630. Rhodes, Mordy M.
5056 N. Albany St. (25)
IR 8-1202
631. Richard Specialty Co.
5621 N. Kilbourne Ave. (30)
SF 7-6039
632. Rick & Selleg
549 W. Washington Blvd. (6)
RA 6-6140
633. Ridgway Engineering, Inc.
6100 W. North Ave. (39)
TU 9-5715
634. Ridley Associates
1551 N. Austin Blvd.
TU 9-2940
635. Riley & Geehr, Inc.
2749 N. Lincoln (14)
EA 7-8100
636. Ring Co., Inc., Ray M.
4610-16 W. Washington Blvd. (44)
ES 9-0300
637. Ritter Engineering Co.
6752 Stony Island Ave. (49)
638. Robbins & Myers, Inc.
5517 W. Montrose Ave. (41)
SP 7-8970
639. Roberts, Fred G.
540 N. Michigan Ave. (11)
640. Robertson & Co., Donald
549 W. Randolph St.
AN 3-2233
641. Roenspies Tool Sales
6261 W. Grand Ave. (39)
ME 7-5881
642. Rogers Co., L. E.
4908 W. Madison St. (44)
CO 1-3356
643. Rollway Bearing Co., Inc.
5839 W. Montrose Ave. (34)
KI 5-2421-5-2422
644. Ronan Midwest Industrial Co.
100 W. Chicago Ave. (10)
WH 4-1067
645. Root Bros. Manufacturing & Supply
10307-25 S. Michigan Ave. (28)
CO 4-5000
646. Ross Co., Edward E.
15 S. Austin Blvd. (44)
ES 9-3921
647. Ross, John
3426 N. Harlem Ave.
TU 9-2460
648. Rothkopf & Co., Harry
549 W. Washington Blvd. (6)
FI 6-1172
649. Rotor Tool Co., The
3021 W. 63rd St. (6)
PR 6-6050
650. Ruddock & Associates, J. R.
4822 N. Damen Ave. (25)
LO 1-8661-2-3-4
651. Rule Diamond Tool Products
10336 S. Western Ave. (43)
652. Russell, Burdall & Ward Bolt & Nut Co.
38 S. Dearborn St. (3)
FI 6-6450
653. Ryerson & Son, Inc., Jos. T.
P. O. Box 8000-A (80)
654. Salvo Tool & Engineering Co.
549 W. Washington St. (6)
FI 6-0913
655. Sandvik Steel, Inc.
230 N. Michigan Ave. (1)
FR 2-5638
656. Schaar & Co.
7300 W. Montrose Ave. (34)
657. Schell, George J.
5516 N. Artesian Ave. (25)
AR 1-1144
658. Schlitt, Geo. J.
2346 W. Diversey Ave. (47)
659. Schmidt, Inc., George T.
4100 Ravenswood Ave. (13)
660. Schrade-Patterson Co., The
5253 W. Belmont Ave. (41)
AV 2-0200
661. Schramm, Inc.
5550 W. North Ave. (39)
TU 9-4412
662. Schuetter, Herman
8352 S. Maryland Ave.
RA 3-3450

SALES OFFICES

ILLINOIS

CHICAGO (cont.)

- 663. Schmitt-Hausman Co.
5844 W. North Ave. (39)
ME 7-7817
- 664. Schultz Co., Clifford F.
4637 N. Knox Ave. (30)
- 665. Sciaky Bros., Inc.
4915 W. 67th St. (38)
PO 7-5809
- 666. Screw Machine Supply Co.
118 N. Aberdeen St. (7)
CH 3-5090
- 667. Selas Corp. of America
3857 W. Washington Blvd. (34)
VA 6-5443-6-5444
- 668. Sealol
75 E. Wacker Dr. (1)
DE 2-7046
- 669. Sentry Co., The
4906 N. Hermitage Ave. (40)
LO 1-2886
- 670. Service Associated, Inc.
9236 Vincennes Ave. (20)
HI 5-0555
- 671. Severance Tool Ind., Inc.
4900 W. Madison St. (44)
CO 1-7370
- 672. Sexauer, Harold
9040 S. Ada (20)
BE 8-1253
- 673. Sharon Steel Corp.
333 S. Michigan Ave. (4)
- 674. Sharp Tool Service Co.
5401 W. Lake St. (44)
ES 9-1609
- 675. Shaw & Sons, Charles J.
4913 W. Fullerton Ave. (6)
BE 7-1061
- 676. Sheffield Illinois Sales Corp.
2130 N. Harlem Ave. (35)
GL 6-8784
- 677. Sheldon Machine Co.
4258 N. Knox Ave. (41)
- 678. Shell Oil Co.
624 S. Michigan Ave. (5)
HA 7-3080
- 679. Sherertz-Henderson Co.
5707 W. Lake St. (44)
CO 1-1032
- 680. Shumway-Fresen Co.
7001 N. Clark St. (26)
SH 3-7344
- 681. Simonds Abrasive Co.
3323 W. Addison St. (18)
KE 9-8010
- 682. Simonds Saw & Steel Co.
3323 W. Addison St. (18)
KE 9-8010
- 683. Simpson, Rodgers, Smith & Hunting
75 E. Wacker Dr.
- 684. Sinclair-Colins Valve Co.
6414 W. Belmont Ave. (34)
BE 7-1643
- 685. Sinclair Refining Co.
2540 W. Cermak Rd. (80)
- 686. Sipchen Co., John H.
13 S. Austin Blvd. (44)
ES 8-5422
- 687. Sisson Sales Co., D. L.
4804 W. Madison St.
CO 1-2379
- 688. Size Control Co.
2500 W. Washington Blvd. (12)
MO 6-6710
- 689. Skinner Chuck Co., The
549 W. Randolph St. (6)
CE 6-6876
- 690. Smit & Sons of Michigan, Inc., J. K.
1737 Howard St. (26)
- 691. Smith Corp., A. O.
8312 S. Chicago Ave. (17)
- 692. Smith & MacKay
8008 S. Ashland Ave.
RA 3-4306
- 693. Snap-on Tools Corp.
120 N. May St. (7)
TA 9-2651
- 694. Socony Mobil Oil Co., Inc.
659 E. Van Buren St. (5)
- 695. Sommer & Maca Glass Machinery Co.
5501 W. Ogden Ave. (50)
TO 1-5446
- 696. Sorgenfrei, F. W.
1555 W. 94th St. (20)
PR 9-6586
- 697. South Chester Corp.
612 N. Michigan Ave. (12)
DE 7-2532
- 698. Spath, H. F.
5413 W. Diversey Ave. (39)
BE 7-1020
- 699. Spierling, James F.
656 W. Wrightwood Ave.,
Apt. 108 (14)
- 700. Squire-Cogswell Co.
4151 N. Kedzie Ave. (18)
- 701. Stanco Welder & Machinery
9 S. Clinton St. (6)
RA 6-5265
- 702. Standard Conveyor Co.
2459 N. Laramie Ave. (39)
NA 2-2723
- 703. Standard Oil Co.
20 N. Wacker Dr. (6)
AN 3-2345
- 704. Standard Pressed Steel Co.
1150 W. Adams (7)
- 705. Standard Supply Co.
2118 S. Michigan Ave. (16)
CA 5-3030
- 706. Standard Wholesale Hardware
1632 N. Wells St. (7)
- 707. Star Oil Co.
348 N. Bell Ave. (12)
- 708. Starrett Co., The L. S.
4949 W. Harrison St. (44)
MA 6-1160
- 709. Steel Sales Corp.
3348 S. Pulaski Rd. (23)
BI 7-7700
- 710. Stegner Tool Supply Co.
4716 W. Addison St.
MU 5-2313
- 711. Stein, William
4075 W. Jarvis Ave. (30)
OR 4-2550
- 712. Sterling Electric Motors, Inc.
3225 W. North Ave. (47)
SP 2-8866
- 713. Sterling Grinding Wheel Co.
3145 W. 47th St. (32)
CL 4-3145
- 714. Sterling Products Co., Inc.
121 N. Jefferson St. (6)
ST 2-1126
- 715. Stokes Corp., F. J.
3058 W. Peterson Ave. (45)
RO 4-8040
- 716. Strange & Sanford Co.
5522 W. North Ave. (39)
- 717. Stricker Supply & Tool Co.
3825 N. Elston Ave.
IN 3-4242
- 718. Stutz Manufacturing Co., George A.
4450 Carroll Ave. (24)
AU 7-1068
- 719. Sun Oil Co.
310 S. Michigan Ave. (4)
HA 7-3562
- 720. Supplies, Inc.
564 W. Adams St. (6)
FI 6-4800
- 721. Supply & Hardware Corp.
6314 S. Central Ave.
- 722. Supreme Abrasives
367 N. Karlov (24)
- 723. Surplus, Dunn & Co.
34 Clinton St., North (6)
RA 6-6668
- 724. Supreme Products Corp.
2222 S. Calumet Ave. (16)
DA 6-2000
- 725. Swanson, Russell
7101 Stony Island (49)
MI 3-1082
- 726. Syntron Chicago Sales Co.
236 N. Pulaski Rd. (24)
NE 2-3676-77-78
- 727. Taft-Peirce Manufacturing Co., The
3407 W. Division St. (51)
CO 1-6667
- 728. Taylor Tool & Supply
8238 Forest Preserve Dr. (34)
NA 5-8770-NA 5-8530
- 729. Teeter, C. B.
4470 Oakenwald Ave.
DR 3-3571
- 730. Templeton Lime
1011 Homan Ave.
- 731. Texas Co., The
332 S. Michigan Ave. (4)
HA 7-1920
- 732. Thomson Manufacturing Co., Judson
L.
5545 Northwest Hwy.
SP 4-4100
- 733. Thor Power Tool Co.
1834 S. Laramie Ave. (50)
BI 2-3553
- 734. Thulin Co., The Earl E.
112 W. Randolph St., Suite 341, (1)
RA 6-4235
- 735. Timken Roller Bearing Co., The
4647 W. 47th St. (32)
PO 7-7700
- 736. Tobey & Cox
1134 S. Michigan Ave.
WA 2-0290
- 737. Tocco Div.
6600 S. Nashville Ave. (38)
RE 3-6646
- 738. Today, Ralph
5306 W. Lawrence Ave. (30)
- 739. Tool Equipment Co.
1608 N. Oak Park Ave. (35)
TU 9-4070
- 740. Tool Mart
6975 N. Sheridan Rd. (26)
HO 5-2579
- 741. Tool Sales Co.
4754 W. Washington Blvd. (4)
CO 1-1277
- 742. Tool Supply Co.
2637 S. Michigan Ave. (16)
- 743. Torrington Co., The
6150 S. Oak Park Ave. (38)
RE 5-8395
- 744. Torsion Balance Co., The
224 S. Michigan Ave. (4)
- 745. Tourtelot Co., Fred I.
407 S. Dearborn St. (5)
HA 7-5467
- 746. Towmotor Corp.
2940 E. 96th St. (17)
- 747. Towns, R. C.
5309 W. Monroe (44)
AU 7-1582
- 748. Townsend Co.
208 S. LaSalle St. (4)
CE 6-4084
- 749. Triangle Sales & Supply Co.
1305 W. Belmont Ave. (13)
WE 5-5757
- 750. Trico Equipment Corp.
4341 W. North Ave. (39)
AR 6-4160
- 751. Triton Co.
327 S. LaSalle St. (4)
- 752. Tubular Rivet & Stud Co.
6610 W. Dakin St. (34)
PE 6-7472
- 753. Turbo Finish, Inc.
P. O. Box 200 (50)
GL 6-6770
- 754. Turco, Vernon N.
3632 N. Claremont Ave. (18)
LA 5-5173
- 755. Tye Sales, Frank
1039 Willow St. (14)
WH 4-6681
- 756. Udyllite Corp., The
2859 N. Natoma Ave. (34)
TU 9-6121
- 757. Uhlhorn, Elmer H.
3216 W. Winona (30)
TE 4-2000
- 758. Uni-Carb Co.
5577 Northwest Hwy. (30)
SP 4-1222

ILLINOIS

759. Union Carbide Plastics Co.
230 N. Michigan Ave. (1)
FI 6-3300
760. Union Twist Drill Co.
2959 W. Peterson Ave. (45)
SU 4-4433
761. United Machinery Sales Co.
1741 W. 91st St. (20)
PR 9-6950
762. Unistrut Service Co. of Illinois
933 Washington Blvd. (7)
MO 6-2665
763. United Machinery Sales Co.
1741 W. 91st St. (20)
PR 9-6950
764. U. S. Electrical Motors, Inc.
6551 W. Belmont Ave. (34)
TU 9-6242
765. U. S. Steel Supply Div.
1319 W. Wabansia Ave. (80)
BR 8-2000
766. Universal-Cyclops Steel Corp.
4055 W. Parker Ave. (30)
767. Universal Machinery Co.
1120 W. Jackson Blvd. (7)
TA 9-1120
768. Universal Safety Equipment Co.
5115 W. Diversey Ave. (39)
BE 7-1906
769. Vacha, Charles H.
2635 Medill Ave. (47)
DI 2-3200
770. Valenite Metals Div.
2954 N. Pulaski Rd.
SP 7-1025
771. Valley Bearing & Equipment Co.
6044 N. Avondale (31)
RO 3-4260
772. Valley Supply & Tool Co., Inc.
30 N. LaSalle St.
773. Valvair Corp.
7414 W. Belmont Ave. (34)
BE 7-1642
774. Vanadium-Alloys Steel Co.
6632 W. Diversey Ave. (35)
NA 2-1010
775. Vanderhye, G. W.
10017 S. State (28)
FU 5-0986
776. Vascoloy-Ramet Corp.
7806 S. Ashland Ave. (20)
ST 3-1251
777. Veeder-Root, Inc.
549 W. Washington Blvd. (6)
ST 2-8283
778. Vesco, Inc.
4245 W. Roosevelt Rd. (24)
RO 2-4848
779. Victor Adding Machine Co.
3900 N. Rockwell St. (18)
780. Viking Pump Co.
549 W. Washington Blvd. (6)
ST 2-6818
781. Volz Machinery, H. J.
2513 W. Peterson Ave. (45)
782. Voris, Wm. L.
9650 S. Bishop St.
BE 8-5911
783. Wabash Supply Co.
547 W. Lake St. (6)
FR 2-6084
784. Wachs Gregg & Co.
1525 Dayton St. (22)
785. Walker, Adrian A.
336 S. Jefferson (6)
FR 2-5504
786. Wallace Tube Div.
1300 Diversey Pkwy. (14)
787. Walnor Corp.
20 N. Wacker Dr. (6)
788. Waltham Grinding Wheel Co.
4216 W. Division St. (51)
789. Ward Machinery Co., Inc.
564 W. Washington Blvd. (6)
ST 2-8446
790. Warner Electric Co., Inc.
1512 Jarvis Ave. (26)
791. Waterbury Farrel Foundry & Machine Co.
6643 W. North Ave.
EU 6-5442

792. Watts Pneumatic Co.
4328 S. Western Ave. (9)
LA 3-0620
793. Webb Co., Jervis B.
340 N. Central (44)
CO 1-7614
794. Weber & Co., H. J.
5722 W. Chicago Ave. (51)
CO 1-5944
795. Weber, W. F.
327 S. LaSalle St. (4)
WA 2-1265
796. Weber Sales, Walter C.
40 N. Menard Ave. (44)
CO 1-8421
797. Webster Manufacturing, Inc.
53 W. Jackson Blvd. (4)
WA 2-9770
798. Weirton Steel Co.
205 W. Wacker Dr. (6)
FI 6-4950
799. Weldon Engineering Co.
1737 W. Howard St. (26)
HO 5-5274-5-5216
800. Wellman Engineering Co. of Illinois
520 N. Michigan Ave. (11)
SU 7-5342
801. Weltronic Co.
1134 W. 69th St. (21)
HU 3-9465
802. Western Tool Supply Co.
619 W. Randolph St.
803. Westinghouse Air Brake Co.
827 Railway Exchange Bldg. (4)
HA 7-6641
804. Wheelabrator Corp.
2406 W. Lunt Ave. (45)
BR 4-4416
805. Wheelock, Lovejoy & Co., Inc.
1855 S. Kilbourn Ave. (23)
LA 1-2122
806. Wheels & Tools, Inc.
5311 W. Diversey Ave. (39)
FR 2-3070
807. White Machinery Co., A. D.
2138 W. Touhy Ave. (45)
808. White, Lawrence J.
Uptown Bank Bldg. (40)
- 808A. Whiting Corp.
33 S. Clark St. (3)
809. Whitman & Barnes
600 W. Van Buren St. (7)
CE 6-1891
810. Whittemore & Co., A. L.
15 N. Jefferson St. (6)
FR 2-4363
811. Wilkes Co.
4013 Milwaukee Ave. (41)
KI 5-5133
812. Williams & Co., J. H.
117 N. Jefferson Ave. (6)
RA 6-8680
813. Willis-Stutson Associate
5042 W. Madison St. (44)
CO 1-4015
814. Wire Machinery, Inc.
5407 S. Knox Ave. (32)
PO 7-2500
815. Withers & Ropek
5439 W. Division St. (51)
AU 7-7292
816. Wittlinger, G. W.
7117 W. Addison St. (34)
KI 5-7974
817. Wood, Jr., Kenneth
Hotel Lincoln
818. Wood, L. P.
757 W. 79th St. (20)
AB 4-5642
819. Woodworkers Tool Works
222-224 S. Jefferson St. (6)
RA 6-8702
820. Worthington Corp.
400 W. Madison St. (6)
821. Wortley, R. S.
180 N. Halsted St. (6)
HA 1-2130
822. Wright Hoist Div.
400 W. Madison St. (6)
CE 6-9324

823. Yale & Towne Manufacturing Co., The
815 N. LaSalle St. (10)
MO 4-5400
824. Yarlne & Co., Frank W.
20 N. Wacker Dr. (6)
ST 2-0347
825. Yoder Co., The
20 N. Wacker Dr. (2)
DE 2-0868
826. Zenith Tool & Supply Co.
7551 W. Addison St. (34)
827. Zenner, Justin
823 W. Waveland Ave.
GR 2-7373
828. Zitzewitz Engineering Associates
700 N. Michigan Ave. (11)
MI 2-3513

CHICAGO HEIGHTS

829. American Pullmax Co., Inc.
310 Westgate
DI 8-5727
830. Estrada, Raleigh
623 Saratoga Dr.
SK 6-4255
831. Quinn Welding Supply Center
2725 Chicago Rd.
SK 4-1715

CHICAGO RIDGE

832. Electra Motors, Inc.
10229 S. Ridgeland Ave.
GA 3-4385
833. Feniuk, Michael
10900 S. Austin
GA 4-1525

CICERO

834. Bristol Brass Corp., The
2800 S. 61st Ct. (50)
BI 2-3000
835. Industrial Pipe & Supply Co.
5100 W. 16th St. (50)
836. Shur-Safety Manufacturing Co.
1338 S. Cicero Ave. (50)
EU 6-5930
837. Tools & Abrasives, Inc.
5123 W. 25th St. (50)

CLARENDON HILLS

838. Mercuria Co.
156 Burlington Ave.
FA 5-1888

CRYSTAL LAKE

839. Lally, John R.
446 Lakeside Ave.
CR 521

DANVILLE

840. Black & Co.
31 N. Hazel St.
HI 2-9300
841. Danville Industrial Supply
35 N. Washington Ave.
Phone: 695
842. Depke Welding Supplies
628 E. Williams St.
Phone: 815
843. Ray, John S.
2907 E. Main St.
Phone: 8278-W

DECATUR

844. Black & Co.
125 E. North St.
Phone: 5376
845. Crane Packing Co.
7 Ridge Dr.
DE 8-8213
846. Common Equipment Co., R. E.
P. O. Box 1145
847. Detrex Chemical Industries, Inc.
601 E. William St.
Phone: 4131

SALES OFFICES

ILLINOIS

DECATUR (cont.)

- 848. Illinois Bearing Co.
2728 N. Main St.
Phone: 3-3471
- 849. Jahr Co., W. J.
Box 1343
Phone: 2-2011
- 850. Long, Gale
305 Karen Dr.
Phone: 7-2776
- 851. Midwest Tool & Supply Co.
1450 E. North St.
Phone: 8-8636
- 852. Miller Industrial Supply Co.
2104 E. Locust St.
Phone: 8-3474
- 853. Morehouse & Wells
805-825 N. Morgan St.

DEERFIELD

- 854. City Tool Corp.
928 Brookside La.
WI 5-4367

DE KALB

- 855. DeKalb Precision Industries
P. O. Box 254
Phone: 6-2661

DES PLAINES

- 856. DeAll Co., Inc., The
254 N. Laurel Ave.
VA 4-1122
- 857. Emerson Supply Co.
900 Third Ave.
RO 3-6535
- 858. Hannifin Corp.
501 S. Wolf Rd.
859. Harmon, C. E.
955 Algonquin Rd.
- 860. Landmark, Inc., W. Q.
75 N. Broadway
VA 4-2764
- 861. Ogden Supply Corp.
1841 Busse Hwy.
- 862. Platek, Stanley
2939 N. Knight Rd.
VA 4-4886
- 863. Postina, Willis
9102 Western Ave.
VA 7-4871
- 864. Strand, Dean C.
9153 Parkside Dr.
VA 7-6570
- 865. Suburban Industrial Supply Co.
2777 Mannheim Rd.
VA 4-3434

DOWNERS GROVE

- 866. DuPage Gage, Inc.
P. O. Box 171
WO 8-5441
- 867. LaBounty, Thomas J.
5512 S. Lyman Ave.
WO 8-4343
- 868. Tipler Co., John S.
505 Ogden Ave.
WO 9-4343-9-5040

EAST MOLINE

- 869. Casco Tool Co.
825 20th Ave.
Phone: 3-9554
- 870. Helmel, Joe E.
1906 Third St. A
Phone: 3-7872
- 871. Means, Thomas G.
P. O. Box 323
IL 3-8543
- 872. Van Vooren, Fred
2133 Ninth St.
Phone: 3-6508

- 873. Wesson Co.
1906 Third St. A
RO 8-5442

EAST PEORIA

- 874. Spence Tool & Rubber Co.
Washington Rd.
Valley View Addition
P. O. Box 895
Phone: 4-6111

EAST ST. LOUIS

- 875. Giger, Maurice
Falley View Dr., Box 515
Centerville Station

ELGIN

- 876. Chicago Rawhide Manufacturing Co.
1900 N. State St.
SH 2-7840
- 877. Elgin National Watch Co.
107 National St.
SH 2-3300
- 878. Hajdu, A. J.
168 S. Cliford St.
SH 2-8405
- 879. West Side Hardware & Industrial
Supply, Inc.
13 N. State St.
- 880. West Side Industrial Supply
13 N. State St.
SH 2-1155

ELK GROVE VILLAGE

- 881. Crown Rheostat & Supply Co.
1965 Pratt Blvd.
HE 9-2200

ELMHURST

- 882. Bashforth, John E.
234 Huntington La.
TE 4-4227
- 883. Bennett, M. T.
357 Webster Ave.
TE 4-6839
- 884. Haseltine, O. M.
129 N. York St.
TE 2-7107
- 885. Magnethermic Corp.
375 S. Kenilworth Rd.
BR 9-5225
- 886. Mercury Supply Co.
410 Fairview
TE 4-4818
- 887. Turnbull, James
463 Evergreen
TE 2-3187

ELMWOOD PARK

- 888. Babcock, H. E.
2224 N. 77th Ave. (35)
- 889. Ex-Cell-O Machinery Sales Co.
7702 W. North Ave.
GL 6-5620
- 890. Glawe, A. J.
2911 N. 78th St.
- 891. Michigan Tool Co.
7702 W. North Ave.
GL 6-5620-6-5631

EUREKA

- 892. Kinson, E. F.
407 Burton Ave.
EU 319

EVANSTON

- 893. American Hospital Supply Corp.
2020 Ridge Ave.
UN 4-6050
- 894. Bagby Engineering Co.
P. O. Box 171
AM 2-2273
- 895. Barnes Corp., John S.
1310 Chicago Ave.
UN 9-8313

- 896. Big Joe Sales & Service
2005 W. Howard St.
- 897. Buehler Co., Adolph I.
2120 Greenwood St.

- 898. Bullen, Francis M.
1000 Grove St. (YMCA)
GR 5-7400

- 899. Davies, Wayne
1631 Ridge Ave.
UN 3241

- 900. Dinmore, R. W.
2105 Pioneer Rd.
UN 4-6542

- 901. Julin, Ralph
2606 Hartzell St.

- 902. Nelson Instrument Co.
607 Howard St.
GR 5-1518

- 903. New Britain Gridley Machine Div.
603 Main St.

- 904. Refractory Products Co.
910 Custer Ave.
GR 5-9935

- 905. Rogers, W. W.
1220 Austin Ave.
Phone: 8-6473

- 906. Scientific Products
1210 Leon Pl.
UN 4-6303

- 907. Vascoloy-Ramet Corp.
2335 Ridgeway
GR 5-6593

FOREST PARK

- 908. Anderson Co., S. W.
314 Circle Ave.
FO 6-4970
- 909. Grimstad, George D.
1407 Elgin Ave.
FO 6-4549

FRANKLIN PARK

- 910. American Optical Co.
10129 Pacific Ave.
GL 1-0080
- 911. Brunner & Lay, Inc.
9300 King St.
GL 5-3232
- 912. Fire & Safety Products
10005 Grand Ave.
GL 5-0230
- 913. Larson, James
9801 Schiller Blvd.
GL 1-1645
- 914. Penn Precision Products, Inc. of
Illinois
2838 N. Birch St.
GL 5-7850
- 915. Production Supplies, Inc.
9490 Franklin Ave.
GL 5-8908
- 916. Vocar Manufacturing & Sales Co.
9510 W. Belmont Ave.

GENESEO

- 917. Anderson, Alfred H.
425 S. Henry St.
Phone: 4072

GLENCOE

- 918. Palmer, J. H.
850 Valley Rd.
VE 5-1960

GLEN ELLYN

- 919. Ade, John
315 Arboretum Dr.
GL 3850
- 920. Bassett, Robert L.
571 Riford Rd.
Phone: 4856
- 921. Rische, Oliver
594 Elm St.
GL 5156
- 921A. Standard Gage Co., Inc.
536 Crescent Blvd.
- 922. Weatherhead Co., The
Route 13
Phone: 3213

GLENVIEW

923. Electro Refr. & Abras. Corp.
2010 Prairie St.
GL 4-9260
924. Montgomery, David V.
2135 Cedar Ct.
925. Weiss, Leroy
2566 Bel Aire Dr.

HILLSIDE

926. Flexible Tubing Corp.
4242 Warren Ave.
LI 4-8850
927. Smith, Donald W.
79 Laverne Ave.
LI 4-9393

HINSDALE

928. Bachmann Co., The
P. O. Box 208
BI 2-1949
929. Brown, Jr., Richard P.
445 E. Hickory
FA 3-5609

HOMEWOOD

930. All-State Welding Alloys Co., Inc.
18452 Dixie Hwy.
SY 8-2928
931. Sauter, L. J.
1752 Pine Rd.
HO 4162W

JOLIET

932. Barrett Hardware Co.
Henderson Ave. at Jackson St.

KANKAKEE

933. General Equipment Co.
248 E. Station St.
934. Kankakee Welding Supply Co.
653 W. Station
WE 3-4429
935. Pratts Supplies Div., Inc.
100 W. Court St.

KENILWORTH

936. Inter-Ocean Export Associates
630 Green Bay Rd.

LA GRANGE

937. Benhart, L. S.
4948 S. Tenth
938. Chivas, N. J.
633 LaGrange Rd.
FL 2-9051
939. Electro Instrument Co.
P. O. Box 293
FL 2-1872
940. Eriez Manufacturing Co.
633 LaGrange Rd., South
FL 2-9050
941. Gooding Rubber Co.
806 E. 31st St.
BI 2-3444
942. International Chemical Co., Inc.
P. O. Box 193
FL 2-4243
943. Johnson, H. J.
1016 Arlington Ave.
FL 4-2227
944. McClure, D. C.
312 S. Park Rd.
RA 6-7885
945. Murphy, D. T.
116 N. Stone Ave.
RA 6-7885
946. Wean Equipment Corp.
1 N. LaGrange Rd., Rm 206
FL 4-2090
947. Wheeler, Gordon
321 Spring Ave.
FL 3-8181

948. Wray, Thomas S.
5738 Franklin Ave.
CH 5-3005

LA GRANGE PARK

949. Dyancom, Inc.
742 N. Kensington Ave.
FL 2-7426

LANSING

950. Carter Controls, Inc.
2800 Bernice Rd.
BA 1-7186

LA SALLE

951. Monarch Electric & Supply Co.
520-522 First St., P. O. Box 365
Phone: 770-856-7

LINCOLNWOOD

952. Gates, R. W.
6955 Karlov Ave. (30)
OR 3-0796

LOCKPORT

953. Roto-Finish Co.
512 Washington St.

LOMBARD

954. La Forme, Glen D.
2N 047 La Londe St.
MA 7-3895
955. Pettit, R. E.
30 E. Ash
MA 5-1825

LYONS

956. Lincoln Electric Co., The
8846 W. 47th St.
BI 2-3588
957. Russ-Cattell, Inc.
8000 W. 47th St.
LY 3-8204
958. Sperry Products, Inc.
8850 W. 47th St.
HU 5-7112

MARION

959. Bearings Service Co., Inc.
111 S. Market St.
Phone: 184

MAYWOOD

960. Everhot Manufacturing Co.
57 S. 19th Ave.
961. Schmidt & Lehnert
P. O. Box 504
962. Triangle Sales & Supply Co.
511 W. Lake St.
Phone: 230
963. Wall Colmonoy Corp.
911½ S. Fifth Ave.
MU 1-1085
964. Wickman Manufacturing Co.
134 S. Fifth Ave.
AU 7-5928

MELROSE PARK

965. Almco Chicago Branch
3118 W. North Ave.
966. Cabot, Inc., Samuel
1500 North Ave.
AU 7-3377
967. Carpenter Steel Co., The
4501 James Pl.
FI 5-5400
968. Diamond Blast Corp.
3118 W. North Ave.
969. Firth Sterling, Inc.
3415 North Ave.
FI 4-3210

ILLINOIS

970. Frink, John
2040 N. Hawthorne Ave.
FI 3-4500
- 970A. Latrobe Steel Co.
2006 N. Hawthorne Ave.
971. Marek, W. T.
1511 Grant Ave.
FI 3-0714
972. Meyer-Ekstrom Co.
1975 N. Cornell Ave.
FI 5-2460
973. Milne & Co., Inc., A.
2080 N. Hawthorne Ave.
AU 7-5656
974. Mueller Brass Co.
2055 N. 25th Ave.
NA 5-7300-1-3-3
975. Patoek, R. J.
1735 N. 22nd Ave.
FI 5-3758
976. Pulver Machinists Supply Co.
2000 N. 25th Ave.
GL 5-7585
977. Richardson Co., W. W.
904 Winston Dr.
FI 5-5910
978. Richardson Co., The
27th Ave. and Lake St.
MA 6-8900
979. Wilkes, Roy
2040 N. Hawthorne Ave.
FI 3-4500
980. Yant, Chester
2040 N. Hawthorne Ave.
FI 3-4500

MOLINE

981. Allen, John E.
3605 15th Ave. Ct.
Phone: 4-6380
982. Brainard & Co.
2324 Fourth Ave.
MO 4-4935
983. Bullard Co., The
2125 16th St.
Phone: 2-7565
984. Chain Belt Co.
1630 Fifth Ave.
MO 4-2433
985. Christiansen Co., L. R.
Orchard Center 2206 37th St., P. O.
Box 267
MO 2-8886
986. Cleveland Tramrail Sheldon Co.
5422 First Ave.
Phone: 4-1343
987. Collman, George W.
2905 13th Ave.
Phone: 4-0633
988. Dailey, A. E.
1507 16th Ave.
989. DeLeon Co., Harry D.
1907 Seventh Ave.
Phone: 2-4418
990. Ekdahl, Kenneth L.
2520 30th Ave. Ct.
MO 4-3527
991. Ex-Cell-O Machinery Sales Co.
Fifth Ave. Bldg., Rm 707
Phone: 2-8011
992. Fafnir Bearing Co., The
2201 Fifth Ave.
Phone: 2-7766
993. Freeman, Bernard
916 25th St.
MO 2-4282
994. Heeren & Co., Marvin A.
1409 15th St.
Phone: 4-0021
995. Jackson-Fotach Co.
2920 25th Ave. "A"
MO 2-4733
996. Johnson Tool Supply Co., Willard H.
1214 17th Ave.
MO 2-5151
997. Ken-Dick Corp.
1712 15th St. Pl.
Phone: 2-7719

SALES OFFICES

ILLINOIS

MOLINE (cont.)

- 996. Kerns Co., L. R.
1630 Fifth Ave.
MO 2-2718
- 999. Lawrence George H.
1510 N. Shore Dr.
MO 4-8771
- 1000. Lincoln Electric Co., The
315 43rd St.
MO 2-5583
- 1001. Lorimer Co., R. E.
Biltmore Center, P. O. Box 31
MO 4-3012
- 1002. Machinery & Welder Corp.
817 15th St.
MO 2-5583
- 1003. Martens-Hodgkin Co.
5440 First Ave.
DI 2-7533
- 1004. Morse Chain Co.
1630 Fifth Ave.
MO 2-1654
- 1005. Neff, Kohlbusch & Bissell, Inc.
1710 11th St.
MO 2-5736
- 1006. New Departure Div.
3108 23rd Ave.
MO 2-7797
- 1007. Nichols, W. L.
Fifth Ave. Bldg., Rm. 707
Phone: 2-8011
- 1008. Normoyle Co., John J.
507 Third Ave.
MO 4-2418
- 1009. Reliance Electric & Engineering Co.
1630 Fifth Ave., Rm. 503
MO 5-0413
- 1010. Sterling Electric Motors, Inc.
620 Tenth St.
Phone: 2-7113
- 1011. Sterling Products
1524 Third Ave.
Phone: 4-5656
- 1012. Supplies, Inc.
539 28th Ave.
Phone: 4-4884
- 1013. Vascoloy-Ramet Corp.
1717 15th St., Pl.
MO 4-4181
- 1014. Welding Equipment Sales
1504 Third Ave.
Phone: 4-2117
- 1015. Williams Co., Don E.
5402 Fourth Ave., P. O. Box 284
MO 4-2171

MONMOUTH

- 1016. Weatherhead Co., The
124 S. Tenth St.
Phone: 2221

MORTON GROVE

- 1017. Crane Packing Co.
5400 Oakton St.
OR 4-0100
- 1018. Muise, Jim
8935 N. Bellefont Ave.

MOUNT PROSPECT

- 1019. International Chemical Co., Inc.
604 Bob-O-Link Rd.
CL 3-4723

MOUNT VERNON

- 1020. American Pump & Supply Co.
1506 Broadway
- 1021. De Laval Separator Co., The
R. F. D. #6
MO 3949W-2

NAPERVILLE

- 1022. Cornish, A. T.
609 E. Eighth Ave., P. O. Box 186
NA 1929

NEW LENOX

- 1023. Universal Welding Supply Co.
Cedar and Oak Sts.

NILES

- 1024. Daniel, F. M.
8258 N. Newcastle (48)
NI 7-6322

NORTHBROOK

- 1025. Warnes, B. L.
2143 Oak St.
CR 3-1379

NORTHFIELD

- 1026. Avery, Floyd
P. O. Box 62
HI 6-1794
- 1027. Muther, Ellis, F.
283 Thackeray La.
HI 6-7044

OAKLAND

- 1028. Delta Equipment Co.
2601 San Pablo (13)

OAK LAWN

- 1029. McNally, L. J.
8765 S. Duffy
CE 6-9234

OAK PARK

- 1030. Aeroquip Corp.
1033 South Blvd.
- 1031. Bansbach Machinery Co.
1037 Madison St.
ES 9-0210
- 1032. Barber-Colman Co.
6957 W. North Ave.
VI 8-3804
- 1033. Bartle, William
601 N. Humphrey
VI 8-5849
- 1034. Berry Bearing Co.
327 Madison St.
EU 6-1700
- 1035. Brett Machinery Co.
639 W. Madison
VI 8-1913
- 1036. Bullard Co., The
6645 W. North Ave.
EU 3-2950
- 1037. Cleveland Automatic Machine Co.,
The
6429 W. North Ave.
EU 6-8837
- 1038. Dvorak Machinery Co.
7001 W. North Ave.
ES 9-5188
- 1039. Floodstrand, Robert H.
150 N. Scoville
EU 6-9353
- 1040. Gardner Machine Co.
6525 W. North Ave.
AU 7-4708-7-4709
- 1041. General Radio Co.
6605 W. North Ave.
VI 8-9400
- 1042. Gisholt Machine Co.
6821 W. North Ave.
EU 3-6062-3-6063
- 1043. Gordon, Robert T. & James R. Mack,
Associates
1105 Chicago Ave.
AU 7-7973
- 1044. Hanson-Whitney Co.
605 South Blvd.
EU 3-5613
- 1045. Heald Machine Co.
6645 W. North Ave.
EU 3-1188
- 1046. Hume, John, Jr.
204 S. Elmwood Ave.
EU 3-2208
- 1047. Johnson Co., Homer B.
6249 W. North Ave.
ES 4-4906

- 1048. Landis Machine Co.
6611 W. North Ave.
VI 8-2370

- 1049. Landis Tool Co.
6525 W. North Ave.
EU 3-0847

- 1050. LeBlond Machine Tool Co., The R. K.
6429 W. North Ave.
TU 9-5561-2

- 1051. Midwest Hydraulics, Inc.
302 Madison Ave.
VI 8-9020

- 1052. Miller Co., The
6819 W. North Ave.

- 1053. Monarch Machine Tool Co., The
6645 W. North Ave.
EU 3-4350

- 1054. National Automatic Tool Co., Inc.
6605 W. North Ave.
EU 6-5860-6-5845

- 1055. Nice Ball Bearing Co.
721 South Blvd.
EU 3-4024

- 1056. Ohio Seamless Tube Div.
6429 W. North Ave.
VI 8-4884

- 1057. Overstreet, John
213 N. Taylor Ave.
EU 3-3622

- 1058. Pangborn Corp.
405 South Blvd.
EU 3-5720-3-5721

- 1059. Polhemus-Miller Co.
321 Madison St.
VI 8-5150

- 1060. Thompson, Earl
952 Pleasant St.
EU 3-5227

- 1061. Vascoloy-Ramet Corp.
309 N. Ridgeland Ave.
EU 6-4548

- 1062. Wales Strippit, Inc.
408 W. Madison
VI 8-3800

- 1063. Warner Electric Brake & Clutch Co.
6429 W. North Ave.
ES 8-1117

- 1064. Warner & Swasey Co., The
6825 W. North Ave.
EU 3-5757

PALATINE

- 1065. Barlow, Jr., Walter R.
1880 W. Thornhill Rd.

- 1066. Charles-Ross Co.
286 Marion St.
FL 8-0096

- 1067. Christiansen, Richard
215 Waverly Rd., R. #3
CL 3-0644

- 1068. Cormier, Al
286 Marion St.
FL 8-0096

- 1069. Lind Co., Robert F.
451 Comfort La.
FL 8-4438

- 1070. Standard Safety Equipment Co.
431 N. Quentin Rd.

- 1071. Youman, Robert I.
2295 Theda La.

PARK FOREST

- 1072. Barthoff, Julius
P. O. Box 163
PI 8-2146

- 1073. Kinder, R. H.
270 Minocqua St.
RA 6-7885

- 1074. Milham, Richard
100 Norwood Blvd.
PI 5-3996

PARK RIDGE

- 1075. Christman & Associates, Paul J.
231 N. Northwest Hwy.
TA 3-2033

- 1076. Cook, Erwin
1507 Brophy Ave.
TA 3-2359

1077. Forrest, Peter A.
P. O. Box 383
TA 3-4267
1078. Huck Manufacturing Co.
724 Forestview
HA 7-0444
1079. Hydraulic Press Manufacturing
Co., The
911 Busse Hwy.
TA 3-3136
1080. Loerakker, Joseph F.
1623 S. Greenwood
TA 3-5856
1081. Stephens, G. C.
1700 S. Clifton
TA 5-4274
1082. Surface Combustion Corp.
116 S. Prospect Ave.
TA 3-5118
1083. Zimmerman & Gaumont, Inc.
P. O. Box 446
TA 3-5191

PEKIN

1084. McGarvey, Inc., H. R.
354 Margaret St.
Phone: 6-3164

PEORIA

1085. Aljanich & Associates, Matt
2715 N. Wisconsin Ave.
PE 5-6957
1086. Allied Equipment Co.
P. O. Box 845 (2)
Phone: 4-5631
1087. Allis-Chalmers Manufacturing Co.
Commercial National Bank Bldg. (2)
Phone: 4-9279
1088. Aluminum Co. of America
725 Commercial Bank Bldg.
Phone: 3-7445
1089. Bellows Co., The
First National Bank Bldg.
Phone: 6-5848
1090. Carpenter Co., H. W.
4916 N. Sheridan Rd. (5)
Phone: 5-8331
1091. Chicago Rawhide Manufacturing Co.
911 Commercial Bank Bldg.
PE 3-7458
1092. Cleveland Tramrail Div.
P. O. Box 222 (1)
Phone: 5-5219
1093. Colson Corp., The
423 First National Bank Bldg.
Phone: 6-0224
1094. Common Equipment Co., R. E.
1515 S. Washington St.
Phone: 4-3101
1095. Couch & Heyle
1016 S. Adams St. (2)
Phone: 4-3101
1096. D & V Industries
101 Detweiler Dr.
Phone: 4-4606
1097. Edwards and Son, J. C.
P. O. Box 421
829 S. Adams
1098. Ex-Cell-O Mach. Sales Co.
211 Commercial National Bank
Bldg. (2)
Phone: 4-4606
1099. Foremost Electric & Trans. Co.
918 Southwest Adams St.
1100. General Electric Co.
309 Jefferson Bldg (2)
Phone: 4-9280
1101. Hagerty Brothers Co.
923-935 S. Washington St.
Phone: 4-8276
1102. Hagerty Co., Paul J.
809 S. Adams St.
Phone: 4-2188
1103. Haigh & Sons, Mason W.
3121 N. Adams St.
1104. Henderson Tool Co.
1829 N. New York Ave.
Phone: 5-0615
1105. Hendricks Electric Co.
214-218 W. Second Ave. (6)
Phone: 3-9145
1106. Himelblau, Byfield & Co.
1042 Jefferson Bldg.
Phone: 4-1516
1107. Houghton & Co., E. F.
704 W. Albany St.
PE 2-1224
1108. Illinois Bearing Co.
210 E. State St.
Phone: 4-3106
1109. Lincoln Electric Co., The
Electrical Bldg.
214 W. Second Ave. (6)
Phone: 4-3154
1110. M. H. Equipment, Inc.
2312 S. Adams St.
Phone: 4-5128
1111. McCubbins, J. M.
423 First National Bank Bldg.
Phone: 5571
1112. McGarvey, H. R.
407 Franklin
1113. Mechanical Rubber & Supply Co.
100 Walnut St. (2)
Phone: 3-5118
1114. Meyer & Bros. Co., F.
1312 Southwest Jefferson Ave.
Phone: 4-7144
1115. Moore, A. W.
2706 S. Adams St.
1116. Motsett, Inc., W. J.
600 W. Main St. (2)
Phone: 4-8111
1117. National Refining Co.
2800 S. Adams St.
Phone: 4-1104
1118. Ostrander, Ed
2601 Ardmore
PE 6-4578
1119. Practical Automation Co.
2111 N. Broadway (1)
Phone: 5-5061
- 1119A. Reynolds Metals Co.
609 Citizens Bldg. (2)
1120. Ring Bearing Co., Ray M.
1515 N. E. Adams St.
Phone: 3-8171
1121. Ross, Jr., John I.
211 Commercial National Bank Bldg.
Phone: 4-4606
1122. Sanders & Lumberly, Inc.
1823-25 W. Garden St.
Phone: 7-5325
1123. Snap-on Tools Corp.
1746 N. Sheridan Rd.
Phone: 5-2461
1124. Spence Tool & Rubber Co.
Box 895
PE 9-3905
1125. Standard Industrial Products Co.
920 N. Garfield Ave.
1126. Transmission Supply Co.
316 Knoxville
PE 3-3566
1127. Varreo Distributing Co.
800 S. Adams St.
1128. Voss Service & Sales Co.
1812 N. California Ave.
P. O. Box 972 (2)
1129. Walker Hardware Co., Isaac
Oak and Washington Sts.
1130. Wesson Co.
516 Westwood Dr.
Knolls
PE 4-2511

PRINCETON

1131. Exact Weight Scale Co., The
R. F. D. #5
PR 2-8969
1132. Fager, A. W.
221 N. Chestnut St.
Phone: 2-0581

PROSPECT HEIGHTS

1133. Milford, E. L.
P. O. Box 242
CL 3-3827

ILLINOIS

QUINCY

1134. Best Plumbing & Heating Supply
Co., E.
626-638 Jersey St.
BA 3-0058
1135. Gardner-Denver Co.
S. Front St.
BA 2-5490
1136. Heintz Electric Co.
817 State St.
BA 2-0113
1137. James Supply Co.
935-937 Maine St.
BA 3-3566
1138. Merkel Bros. Hardware Co.
1711 Broadway

ROCKFORD

1139. Airborne Instruments Lab.
1404 N. Main St.
RO 5-9469
1140. Allen-Bradley Co.
1013 Broadway
Phone: 5-8795
1141. Allis-Chalmers Manufacturing Co.
303 N. Main St.
Phone: 5-0664
1142. Allis Co., The Louis
209 7th St., Room 205
Phone: 2-3783
1143. Barker-Rockford Co.
110 Cedar St.
Phone: 7-0660
1144. Behr and Sons, Inc., Joseph
1100 Seminary St.
1145. Bellows Co., The
130 S. Second St.
Phone: 4-6531
1146. Berry Bearing Co.
710 Broadway
Phone: 2-5561
1147. Black and Co.
317 W. Jefferson
1148. Bloom Co., W. C.
1618 Winthrop La.
RO 7-8163
1149. Bridgeport Brass Co.
First National Bank Bldg., Rm. 203
1150. Burns, Wm. J.
709 Mulberry St.
WO 3-7155
1151. Central Industrial Supply
1406 12th St., Box 1505
WO 8-6226
1152. Charles-Ross Co.
Central National Bank Bldg.
WO 3-4151
1153. Crucible Steel Co.
2500 N. Main St.
RO 5-8695
1154. DoALL Rockford Co.
Sixth St. and Third Ave.
WO 4-7848
1155. Ekstrom Co.
110 S. First St.
WO 2-7825
1156. Elgin National Watch Co.
117 S. Wyman St.
Phone: 8-2814
1157. Esley Machinery Co., The E. L.
519 James Ave.
Phone: 5-2250
1158. Factory Supplies
1417 Broadway
1159. Floody, Roger R.
P. O. Box 1621
Phone: 6-1931
1160. Foley, J. H.
821 Lunvill Ave.
1161. Geraghty Industrial Equipment, Inc.
213 N. Fourth St.
1162. Grimstad Co., J. M.
1404 N. Main St.
WO 5-0141
1163. Gustafson Co., Eric J.
413-15-17 S. Winnebago St.

SALES OFFICES

ILLINOIS

ROCKFORD (cont.)

- 1164. Harris & Co., Samuel
330 Cedar St.
Phone: 2-6606
- 1165. Heeren & Co., Marvin A.
N. Main Rd., Box 183
Phone: 7-5418
- 1166. Heim's Machinists Supply Co.
1323 Broadway
Phone: 2-7705
- 1167. Hill Machine Co.
1301 Eddy Ave.
TR 7-5781
- 1168. Hill Tool & Supply Co., Inc.
716 W. Jefferson St.
Phone: 2-3701
- 1169. Himelblau, Byfield & Co.
425 E. State St.
Phone: 5-6383
- 1170. Howell Electric Motors
303 N. Main St.
RO 4-7186
- 1171. Hydro-Line Manufacturing Co.
5600 Pike Rd.
TR 7-5758
- 1172. Industrial Instruments Co.
2240 Parmele St.
Phone: 3-4890
- 1173. Ipsen Industries, Inc.
715 S. Main
WO 5-9581
- 1174. Janco Industrial
117 S. Wyman St.
Phone: 8-2814
- 1175. Janco Tool Specialties
116 24th St.
DI 2-3458
- 1176. Johnson, Earle
1116 24th St.
- 1177. Kearny Tool Sales
2330 E. Gate Pkwy.
- 1178. Kennametal, Inc.
2314 Barton Blvd.
Phone: 3-6875
- 1179. Lincoln Electric Co., The
903 Bluefield
- 1180. Lonergan, Paul
4712 Cayuga St.
RO 7-1308
- 1181. Machinist Tool Co.
901 E. State St.
Phone: 2-6617
- 1182. Marathon Electric Manufacturing Corp.
1404 N. Main
WO 5-9819
- 1183. Mid States Industrial Corp.
2401 11th St.
Phone: 2-8841
- 1184. Midway Sales
1025 Fifth Ave.
Phone: 8-1811
- 1185. Mott Bros. Co.
907 S. Main St.
Phone: 2-3711
- 1186. Mucha Co., John
112 S. London Ave.
Phone: 2-0211
- 1187. Muehlemyer Heat Treat Co., O. T.
1531 Preston St.
- 1188. Nagus, Jack
117 S. Wyman St.
Phone: 8-2814
- 1189. Nelson and Storm Tool Supply
2303 11th St.
Phone: 5-0574
- 1190. Nordell, Alvin
126 Hilton
WO 8-1348
- 1191. Norman Engineering Co.
2500 N. Main St.
WO 5-0385

- 1192. Oberg, John T.
223 Vale Ave., South
RO 3-3728
- 1193. Oilgear Co., The
1404 N. Main St.
RO 8-2855
- 1194. Paulson & Co., Carl E.
815 Broadway
P. O. Box 1585
WO 3-7609
- 1195. Pederson, Roy
3114 Minnesota Dr.
RO 5-4213
- 1196. Production Tool & Supply Co.
1426 N. Main St.
Phone: 4-3843
- 1197. Reeves Pulley Co.
2125 Broadway
Phone: 3-7649
- 1198. Reliance Electric and Engineering Co.
2125 Broadway Ave.
Phone: 3-7649
- 1199. Rockford Tool & Transmission Co.
502 Broadway
Phone: 2-7711
- 1200. Rogers & Clarke Manufacturing Co.
901 River La.
RO 7-1484
- 1201. Ryerson & Son, Inc., Joseph T.
425 E. State St.
WO 4-5673
- 1202. Sharp Saw Service
117 N. Madison
Phone: 5-9239
- 1203. Shepstone, Clayton M.
5105 Highcrest Rd.
Phone: 6-1653
- 1204. Soper Co., Cliff
P. O. Box 926
Phone: 4-1549
- 1205. Standard Machinist Supply, Inc.
247 15th Ave.
Phone: 5-9595
- 1206. Storey Tool Sales Co.
Gas-Electric Bldg.
Phone: 3-3931
- 1207. Udyllite Corp., The
310 E. Market St.
Phone: 4-5697
- 1208. United Tool Sales
730 Coolidge Pl.
- 1209. Vickers, Inc.
303 N. Main St.
WO 2-0615
- 1210. Welders Supply Co.
806 Broadway
Phone: 4-9453
- 1211. Wesson Co.
4212 Crestview Dr.
RO 7-3395
- 1212. Whybark Co., Inc., Lawrence O.
1615 Kilburn Ave.

ROCK ISLAND

- 1213. Amstan Supply Div.
619 11th St.
Phone: 8-4555
- 1214. Anderson, A. H.
P. O. Box 15
GE 4072
- 1215. Barber-Colman Co.
1800 Third Ave.
Phone: 6-8600
- 1216. Berg Co., J. F.
P. O. Box 651
RI 8-1916
- 1217. Conroy, James
1002 19th St.
Phone: 8-2969
- 1218. Detrex Chemical Industries, Inc.
218 Safety Bldg.
RI 8-3213
- 1219. Dikcon Co.
3300 20th Ave.
RI 6-2894

- 1220. Esley Machinery Co., The E. L.
2115 36th St.
Phone: 8-7421
- 1221. Gisholt Machine Co.
22 Watch Hill Rd.
RI 8-7421
- 1222. Kelsey, H. C.
2414 28th Ave.
RO 8-6247
- 1223. M & H Engineering, Inc.
Box 273
RI 8-1811
- 1224. Marshall & Huschart Machinery Co.
P. O. Box 233
Phone: 6-3271
- 1225. Midland Cutting Tools Co.
2219 Third Ave.
Phone: 8-1944-8-2103
- 1226. Neff, Kohlbusch & Bissell, Inc.
318 Illinois Oil Bldg.
RI 8-7183
- 1227. Pangborn Corp.
2223 24th St.
RI 8-3495
- 1228. Plant Equipment Co.
P. O. Box 723
Phone: 6-3369
- 1229. Riekes & Sons, S.
1223 Fifth Ave.
RI 8-3623
- 1230. Ryerson & Son, Inc., Joseph T.
344 First National Bank Bldg.
RI 6-2627
- 1231. Strohhahn, E. W.
2831 34th Ave.
Phone: 6-8526
- 1232. Transmission Supply Co.
1514 Seventh Ave.
RI 8-6333
- 1233. Universal Cyclops Steel Corp.
218 Safety Bldg.
RI 6-1221
- 1234. Ziel Supply Co.
1713 29½ St.

SCHILLER PARK

- 1235. Cratts Co., Inc., Arthur A.
10340 W. Berteau Ave.
GL 1-0650
- 1236. MacMillin Hydraulic Eng. Corp.
P. O. Box 66
NA 5-6555
- 1236A. Wickman, Kenneth G.
P. O. Box 87

SKOKIE

- 1237. Baldor Electric Co.
3740 Dempster St.
OR 6-1740
- 1238. Berry Bearing Co.
4438 Oakton St.
OR 4-6800
- 1239. Hughes, Ray A.
7551 Laverne Ave.
OR 3-6929
- 1240. Imperial Stamp & Engraving Co.
8258 N. Christiana
OR 4-2323
- 1241. Lindquist, W. G.
4940 Coyle Ave.
- 1242. Mar-Ell Tool Supply Co.
3556 Oakton St.
CO 7-1188-OR 3-3430
- 1243. Maxson Saw & Manufacturing Co., F. P.
8014 N. Monticello Ave.
OR 5-1435
- 1244. Miller, William C.
5037 Harvard
OR 5-3095
- 1245. Nylok Corp., The
8046 Central Park Ave.
OR 4-9689

SALES OFFICES

INDIANA

50. Neff Engineering Co.
2509 Washington Ave.

76. Fort Wayne Pipe & Supply Co.
1815 S. Anthony Blvd.

1246. Willroth Co.
8201 Knox Ave.
Phone: 6-9127
1247. Winter & Co., H. M.
4125 W. Emerson St.

SPRINGFIELD

1248. Allison Sales Co.
409½ E. Capitol Ave.
Phone: 2-2613
1249. Black & Co.
314 E. Adams St.
1250. Callahan Engineering Co., R. J.
Box 181, 720 S. Park
Phone: 3-3441
1251. Detrex Chemical Industries, Inc.
625 S. Sixth St.
SP 3-0622
1252. General Electric Co.
607 E. Adams St.
Phone: 3-2423
1253. Kloppenburg, H. M.
6 Circle Dr.
Phone: 9-2323
1254. Poulsen, Roy O.
2448 S. State St.
Phone: 8-6997
1255. Richardson Manufacturing Co.
Washington Park Gardens
Phone: 8-8449
1256. Schlitt Supply Co.
1010 Adams St.
P. O. Box 487
Phone: 8-4338
1257. Screw Machine Supply Co.
2441 S. Ninth St.
Phone: 3-4276
1258. Sinclair Refining Co.
801 Illinois Bldg.
P. O. Box 1240
1259. Wands, Andrew
2606½ S. Sixth St.
Phone: 2-6139

STERLING

1260. Bogott & Sons, A. E.
112 Third Ave.

SYCAMORE

1261. Micromatic Hone Corp.
202 Lucas St.
Phone: 2131
1262. Parke, H. W.
P. O. Box 616
Phone: 4206

TAMMS

1263. Tamms Industries Co.
Phone: 7-2221

TOPEKA

1264. Neff, Kohlbusch & Bissell, Inc.

URBANA

1265. Kufer Supply Co.
905 W. Fairview Ave.

VILLA PARK

1266. Bombenger, James P.
437 S. Harvard Ave.
TE 4-5250
1267. Rasmussen, Russell E.
127 E. Van Buren
1268. Wesson Co.
144 E. Kenilworth Ave.
TE 2-9193

WARRENVILLE

1269. Vascoloy-Ramet Corp.
Box 773
EX 3-6621

WAUKEGAN

1270. Caldwell Mill Supply Co.
105 Greenwood Ave.
DE 6-9326
1271. Du-Tone Chemical Co., Inc.
1208 Greenfield Ave.
MA 3-3812
1272. Harris & Co., Samuel
1720 Grand Ave.
ON 2-0372

WESTCHESTER

1273. Chemray Corp.
10150 Roosevelt Rd.
FI 4-2400
1274. Jabls, Charles
2108 Portsmouth
FI 3-8336
1275. Larkins, Maynard J.
1641 Stratford
FI 4-0985

WEST CHICAGO

1276. Ireland Tool Sales Co.
P. O. Box 303
136 W. Washington St.
Phone: West Chicago 1094

WESTERN SPRINGS

1277. Meed Products Co.
4001 Clausen
1278. Reutzel, Don
4620 Johnson
CH 6-3074

WHEATON

1279. Apex Tool & Cutter Co., Inc.
P. O. Box 262
1280. Lutz Co., W. H.
130 W. Liberty Dr.
Liberty Bldg.
WH 8-9282
1281. Rude, William P.
210 W. Jefferson Ave.
MO 8-9629

WILMETTE

1282. Allison-Campbell Div.
2121 Chestnut Ave.
Phone: Chicago: FR 2-9879
1283. Calhoun, David K.
120 Third St.
AL 1-5596
1284. Clouse, Gene R.
1218 Isabella
WA 2-4986
1285. Precision Grinding Wheel Co., Inc.
417 Linden Ave.
AL 6-0499

WOOD RIVER

1286. Economy Boat Store
310 Penning Ave.
Phone: 4-4333

WORTH

1287. Hoswell, James E.
11232 S. Lawler Ave.

INDIANA**ALBANY**

1. Downing, Cy
Box #4

ANDERSON

2. Barnes Co., A. O.
621 John St., P. O. Box 1037
Phone: 3-5364
3. DeVlieg, R. J.
P. O. Box 12
Phone: 3-8945

ILLINOIS

4. Ellison, S. E.
909 N. Madison Ave.
Box 362
AN 6908
5. Hanson-Van Winkle-Munning Co.
253 Citizens Bank Bldg.
AN 5312

ANGOLA

6. Law Instrument Co.
P. O. Box 95
AN 217

AUBURN

7. Mullen & Kempf
Box 430
AU 122

BLOOMINGTON

8. Seward & Co.
408 W. Eighth St.

BREMEN

9. Martindale, Willard
224 Seward
10. Bolle, D. J.
Box 503
VI 6-1162

CLERMONT

11. Sinclair Refining Co.
P. O. Box 136

COLUMBUS

12. Quality Mill Supply
2345 Beam St.
DR 9-9588

CROWN POINT

13. Anderson Co., S. W.
417 Fairview
Crown Point 1707

CULVER

14. Clyne, Joseph N.
952 W. Shore Dr.

DANVILLE

15. Kraft William
R. R. #1
SH 5-4126
16. Piche, G. W.
R. F. D. #3, Box 244-A, Mill St.
SH 5-5968

DYER

17. Allen, Charles E.
2648 Lakewood Dr.
UN 5-1604

EAST CHICAGO

18. Chicago Flame Hardening Co.
420 E. 151st St.
19. Metal & Thermit Corp.
415 E. 151st St.
EX 8-3200—ES 5-1400
20. Ring Co., Inc., Ray M.
3481 Michigan Ave.
SA 1-8660

ELKHART

21. Borneman Industrial Supplies
124 E. High St.
22. Brand, Erick
117 W. Beardsley Ave.
23. Detrex Chemical Industries, Inc.
117 State St.
Phone: 2-7899

INDIANA

ELKHART (cont.)

- 24. Ernest, Holdeman & Collet, Inc.
820 N. Ward St.
Phone: 3-5310
- 25. Kash, S.
1830 Bristol St.
EL 3-4202
- 26. Kegerreis Supply, Inc., C. S.
510-516 S. Second St.
Phone: 3-1740
- 27. Klem Supply, Inc.
219 N. Second St.
Phone: 2-7497
- 28. Niblock Machinery, Inc.
1002 Johnson St.
P. O. Box 731
Phone: 3-1408
- 29. Weatherhead Co., The
P. O. Box 593
Phone: 4-0228
- 30. Yoeman Machine Shop
2638 S. Main St.

EVANSVILLE

- 31. Allis-Chalmers Mfg. Co.
329 Main St. (9)
HA 4-8219
- 32. Aluminum Co. of America
207 Kinkel Bldg. (8)
HA 2-3279
- 33. Austin Powder Co.
616-24 N. W. Second St.
P. O. Box 177
Phone: 4-8275
- 34. Bearings Service Co., Inc.
1607 S. Kentucky Ave.
HA 5-9095
- 35. Bellows Co., The
118 S. E. First St. (8)
HA 4-2971
- 36. Black and Gaiser Co.
900 Maxwell Ave.
- 37. Brake Supply Co.
700 Sycamore St. (8)
- 38. Brown & Hubert, Inc.
306 N. Seventh Ave.
HA 5-9049
- 39. Cardinal Carryor Co.
2351 Division St.
GR 6-7472
- 40. Delco Products Div.
320 N. W. Seventh St. (8)
HA 4-2963
- 41. Drake Supply Co.
P. O. Box 217 (5)
HA 5-6312
- 42. Elliott Machinery
2211 W. Franklin St.
P. O. Box 126
HA 3-6458
- 43. Evansville Auto Parts, Inc.
201 N. W. Riverside Dr.
- 44. Evansville Supply Co.
800 Block Pennsylvania St. (10)
HA 4-7541
- 45. General Electric Co.
312 N. W. Seventh St. (6)
HA 5-3581
- 46. Hast, Larry
2742 Hartmetz Ave. (12)
HA 4-7403
- 47. Housh Industrial Supplies, Inc.
30 Main St. (8)
Phone: 3-3732
- 48. Loewen Tool Sales
1102 E. Morgan Ave. (11)
HA 5-2129
- 49. Mark-Matt Engineering Co.
2323 W. Maryland
P. O. Box 3044
HA 5-9026 and 5-9027

- 50. Neff Engineering Co.
2509 Washington Ave.
- 51. Ohio Valley Sound
20 E. Sycamore St. (12)
- 52. Orr Iron Co., Inc.
1100 Pennsylvania (6)
HA 5-5111
- 53. Shouse-Brill Machinery Co.
222 Court Bldg. (8)
Phone: 5-2601
- 54. Tri-State Bearing Co.
3105 First Ave.
HA 5-1336
- 55. Wright, J. F.
414 Stanley Ave. (11)
HA 5-7069

FARMLAND

- 56. Wilson, Jerry H.
211 S. Main St.
Phone: 3901

FORTVILLE

- 57. Indiana Machinery & Supply Co.
P. O. Box 176
Phone: 307

FORT WAYNE

- 58. Albersmeyer, Paul
Box 2462, S. Branch P. O.
KE 2-081
- 59. Allen-Bradley Co.
2212 S. Calhoun St.
KE 7068
- 60. Allen Steel & Supply Co.
116 W. Columbia
EA 4454
- 61. Aluminum Co. of America
930 Lincoln Bank Tower
EA 4676
- 62. Amstan Supply Div.
2601-11 Brooklyn Ave. (6)
HA 3271
- 63. B & M Materials Handling Equipment
P. O. Box 956
EA 2107
- 64. Bearings, Inc.
432 Pearl St., Box 120
AN 7191
- 65. Bellows Co., The
3824 S. Calhoun St.
HA 4119
- 66. Briggs Filtration Co.
1302 E. Creighton Ave. (2)
HA 2341
- 67. Burgan, Frank
504½ Kinamoore Ave.
KE 3081
- 68. Cleveland Tramrail Fort Wayne Co.
3217 U. S. 30, East
EA 4662
- 69. Conn, Bowen
229 E. Berry
EA 1409
- 70. Cutting Tools, Inc.
2212 Wayne Trace
AN 7367
- 71. Desautels, George O.
2905 Broadway
P. O. Box 1176
HA 0346
- 72. Detrex Chemical Industries, Inc.
200 Standard Bldg.
EA 8616
- 73. Druhot, Inc., R. J.
930 W. Oakdale Dr. (6)
HA 1431
- 74. Elco Tool Co.
1515 Wells St.
P. O. Box 94
AN 5133
- 75. Evans Co., Merrick
511 W. DeWald St. (6)
HA 2202

- 76. Fort Wayne Pipe & Supply Co.
1815 S. Anthony Blvd.
AN 3441
- 77. Garrett Machinery, C. C.
1624 Hinton Dr.
- 78. General Electric Co.
3606 S. Calhoun (6)
EA 7431
- 79. Graphic Engineering & Sales, Inc.
811 E. Pontiac St.
HA 1388
- 80. Greer Hydraulics, Inc.
2423 Ormsby
KE 9500
- 81. Hoosier Solvents and Chemicals Corp.
Nelson Rd.
AN 0213
- 82. Huber Co., Paul C.
3422 S. Calhoun St.
K-4609
- 83. Lincoln Electric Co., The
6418 Winchester Rd.
HA 3259
- 84. Material Handling Equipment, Inc.
2609 S. Broadway
KE 5408
- 85. Materials Handling Equipment Corp.
of Fort Wayne
3217 Lincoln Hwy.
P. O. Box 746
EA 4682
- 86. Mathews, Robert T.
2527 Westbrook Dr.
AN 3035
- 87. Maumee Weldments Co.
Route #7, Meyer & Moeller Rds.
- 88. McGinnis, Harry
8014 Anoka Dr., R. R. #8
HA 3-7167
- 89. McKay, Frank R.
401 W. Rudisill Blvd.
HA 2779
- 90. Morrison, George M.
3206 Senate Ave.
- 91. Mossman-Yarnelle Co., The
Pearl St.—Maiden La. (1)
AN 6315
- 92. National Mill Supply, Inc.
207 E. Columbia St. (2)
AN 2331
- 93. National Refining Co.
414 E. Columbia St.
EA 8131
- 94. Neff Engineering Co., The
2339 Crescent Ave. (3)
EA 7391
- 95. Noble Machinery Co., The
924 Hayden St. (1)
AN 6183
- 96. Oatis Machinery Co.
4015 Indian Hills Dr.
KE 3309
- 97. Oldham Materials Handling Co.
3308 Rosewood Dr.
EA 2777—AN 9126
- 98. Oren-Vanaman Co., Inc.
235 E. California Rd.
Box 2698, Station D
EA 7311
- 99. Paller Engineering Co.
2212 S. Calhoun St.
HA 8-062
- 100. Pennycoff, William
4406 S. E. Anthony Wayne
HA 0-3507
- 101. Safety Equipment & Supply Co.
1724 W. Main St. (7)
- 102. Schlatter Hardware Co.
601 S. Clinton St. (2)
AN 8311
- 103. Sheffield Indiana Sales Corp.
200 Standard Bldg.
EA 5371
- 104. Sippel Equipment Co., Inc.
106 W. Leith St.
HA 1160

INDIANA

105. Sun Oil Co.
U. S. Route 24 E. Huntington
HU 4610
106. Surface Combustion Corp.
803 S. Calhoun St. (2)
EA 4184
107. Sutton-Garten Co.
4841 Industrial Dr.
TR 1117
108. Thurnhoffer, William
4648 Parkerdale Dr.
TR 0288
109. Tool Service, Inc.
2230 Holton Ave. (5)
HA 3294
110. Tools and Abrasives, Inc.
1510 Oxford St. (5)
HA 3254
111. Trans-Power, Inc.
1234 Wells St.
Phone: E-4784
112. Tyner Tool Service, Inc.
2230 Holton Ave.
HA 3294
113. Udyllite Corp., The
415 French Rd.
HA 2171
114. Wayne Welding Supply, Inc.
513 E. Wayne St. (2)
115. Weatherhead Co., The
2323 Miner St.
KE 8529
116. Winter, J. O.
2609 S. Broadway
KE 5408

FRANKLIN

117. Alexander Co.
354 E. Monroe St.
RE 6-6891
118. Production-Flo Equipment, Inc.
354 Monroe St., East

GARY

119. Berry Bearing Co.
616 E. Fifth St.
TU 5-7501
120. Calumet Welders Supply, Inc.
1122 Virginia St.
GA 2-9399
121. Clark Controller Co., The
504 Broadway
TU 2-1515
122. Metz, Edward J.
8524 Locust (5)
YE 8-1004
123. Reeves Pulley Co.
504 Broadway
RE 4-1764
124. Reliance Electric and Engineering Co.
Gary National Bank Bldg.
504 Broadway
TU 6-1469-6-1469
125. West Side Mill Supply Co.
809 W. Fifth Ave.
TU 2-6558

GOSHEN

126. Huber Co., Paul C.
122 Crescent St.
GO 3-1825
127. Specialized Mill Supplies
503 N. Main St.
Phone: 3-1258

GREENFIELD

128. Duncan, William M.
410 W. North St.
HO 2-4626
129. Electro-Alloys Div.
423 N. Broadway
HO 2-4573

130. Strange, Ivan
33 Tyler Ave.
P. O. Box 247
HO 2-5223

HAMMOND

131. Artim Equipment Co., Inc.
7105 Kennedy Ave.
132. Berry Bearing Co.
4828-32 Calumet Ave.
WE 1-3610
133. Electric Supply Corp.
4511 Calumet Ave.
SA 1-1390 & WE 2-8840
134. Himelblau, Byfield & Co.
5248 Hohman Ave.
WE 1-2729
135. Indiana Sales Office
428 Florence St.
WE 2-7424
136. Standard Equipment and Supply Corp.
534-536 Michigan St.
WE 1-3060

HIGHLAND

137. Welch, Ray
8923 S. Prairie Ave.

HUNTINGTON

138. Beekman, C. W.
524 Oak St.
HU 821-W
139. Hudson Tool Service
Room 303, U. B. Bldg.
Phone: 1442

HYMERA

140. Crowder, Mike
P. O. Box 24
Phone: 67

INDIANAPOLIS

141. Abrasive Supply & Tool Co.
2460 N. Delaware (5)
WA 3-3453
142. Ace Supply Co.
1622 N. Illinois St. (2)
143. Accurate Products Corp.
720 E. Washington St.
144. Airborne Instruments Lab.
644 E. 38th St. (5)
145. Alemite Co.
412 Capitol Ave.
ME 5-2445
146. Allegheny Ludlum Steel Corp.
1801 E. DeLoss St. (1)
ME 2-6521
147. Allen-Bradley Co.
1491 N. Harding St. (7)
ME 8-1491
148. Allen Manufacturing Co.
107 W. 21st St. (2)
WA 4-2626
149. Allis-Chalmers Manufacturing Co.
3590 N. Meridian St. (18)
WA 4-5361
150. Allis Co., The Louis
333 N. Pennsylvania St. (4)
ME 4-9668
151. Allison & Associates, R. K.
3433 N. Central Ave., Apt. 54
WA 4-1017
152. Aluminum Co. of America
2939 N. Meridian St. (7)
WA 5-6471
153. American Machinery & Tool Co., Inc.
130 S. Ewing St. (1)
FL 9-5578
154. Ampeo Metal, Inc.
230 S. Pennsylvania St. (4)
ME 8-0284
155. Anderson Co., S. W.
5817 N. Ewing St.
- 155A Armco Steel Corp.
1839 N. Meridian St. (2)
156. Armstrong, Ed.
919 Fletcher Trust Bldg. (4)
ME 7-2878
157. Aro Pneumatic Tools
6216 Carrollton Ave.
P. O. Box 6114
CL 1-7676
158. Avels Sales & Engineering
1407 E. Riverside Dr. (7)
159. Barber-Colman Co.
2829 N. Meridian St. (8)
WA 3-2702
160. Barry Co.
709 Fulton (2)
161. Bearings, Inc.
801 N. Capitol Ave. (4)
ME 4-4393
162. Behr-Manning Co.
1301 W. 16th St. (7)
ME 2-7493
163. Bell, T. A.
834 E. 64th St. (20)
CL 1-4364
164. Bellows Co., The
3721 N. Keystone Ave. (18)
LI 6-3835
165. Benedict, Paul W.
7 N. Sherman Dr.
IR 5413
166. Black & Decker Manufacturing Co.
1125 W. 16th St. (2)
ME 2-5569
167. Blakeslee & Co., G. S.
330 W. New York St.
ME 4-5158
168. Bliss Co., E. W.
54 W. 30th St. (8)
WA 4-4626
169. Bolon, David G.
5751 Kilmer La. (20)
CL 5-8979
170. Bomgardner, Ray
1215 River Hgts. Dr.
CL 1-4048
171. Bound-Rivest Co.
1347 N. Pennsylvania (2)
ME 4-7454
172. Braeburn Alloy Steel Corp.
3513 Hovey St. (8)
WA 4-0656
173. Brake Materials Sales
234 E. Stop 13 Rd. (27)
TU 1-3212
174. Brazil Co., Fred P.
6349 Guilford Ave. (20)
CL 1-4509
175. Bridgeport Brass Co.
S. Holt Rd.
176. Briggs Distributing Co.
1951 Central Ave. (2)
WA 4-2641
177. Bristol Co., The
P. O. Box 55294, Uptown Station (5)
WA 4-4343
178. Brosey & Frew, Inc.
1719 E. 52nd St.
CL 3-2306
179. Brown Co., Robert O.
Box 486 (20)
CL 5-1930
180. Browning Tool & Supply Co., The
332 N. Capitol Ave. (4)
ME 5-5325
181. Bruce-Conreux Co., Inc.
4000 E. 16th St. (7)
182. Bryant Chucking Grinder Co.
6101 N. College Bldg. (20)
CL 5-8809
183. Buck & Associates, C. M.
2927 Central Ave. (5)
WA 5-1832

SALES OFFICES

INDIANA

INDIANAPOLIS (cont.)

184. Bullard Co., The
4119 N. Keystone Ave. (8)
LI 7-3574-75
185. Cain Safety Services
1318 Hoyt Ave. (3)
186. Carlson Co., John R.
4808 Broadway (5)
AT 3-8531
187. Carpenter Steel Co., The
1618 W. Washington St. (7)
ME 2-5401
188. Carrier Corp.
320 N. Meridian St. (4)
ME 5-3844
189. Central Material Handling Corp.
2917 Central Ave. (5)
WA 3-3338
190. Central Rubber & Supply Co.
30 E. Georgia St. (9)
ME 2-8361
191. Central States Machinery
106 E. Washington (5)
ME 2-4491
192. Century Electric Co.
15 E. Washington St. (4)
ME 7-8223
193. Chase Brass & Copper Co.
1609 Oliver Ave. (21)
194. Chicago Rawhide Manufacturing Co.
3921 N. Rural St.
LI 6-5789
195. Cincinnati Milling & Grinding
Machines, Inc.
2214 N. Meridian St., Room 101 (8)
WA 4-2686
196. Clark, Robert M.
5460 Fenmore Rd.
CL 3-3458
197. Clarke & Osborne
6325 Guilford Ave. (20)
CL 3-5668
198. Clerkin & Co., W. M.
3922 Park Ave. (5)
AT 3-7179
199. Cleveland Tramrail Indianapolis Co.
1121 E. 46th St. (5)
CL 3-5468
200. Colby Co., The Royal B.
4715 Cornelius St. (6)
P. O. Box 1538
AT 3-5664
201. Confer, Byron
2809 Brookside Ave.
ME 8-5240
202. Couchman-Conant, Inc.
1400 N. Illinois St. (18)
Station A, P. O. Box 88023
ME 5-5313
203. Crandall & Associates, R. M.
8220 E. 56th St. (26)
LI 6-8373
204. Crane Co.
333 W. Market St.
ME 5-1521
205. Crane Packing Co.
1637 N. Illinois St. (2)
WA 6-1686
206. Crodian & Co.
4897 Kessler Blvd. East Dr. (20)
CL 1-6486
207. Crown Equipment Co., Inc.
3025 English Ave. (1)
ME 8-1476
208. Crucible Steel Co.
105 S. Keystone Ave. (1)
ME 8-4501
209. Danby Co., Inc., H. E.
5165 N. Keystone Ave. (5)
CL 1-4260
210. Danly Machine Specialties, Inc.
611 N. Park Ave. (4)
ME 2-3670
211. Davidson Co., C. W.
1914 N. Bellevue (22)
ME 7-4500
212. Delco Products Div.
1326 N. Parker St.
ME 8-5073
213. Desautels Co., George O.
2302 N. Meridian St.
P. O. Box 88008 (8)
WA 3-2403
214. Detrex Chemical Industries, Inc.
359 W. Ray St.
ME 5-1024
215. DoAll Central Co., Inc.
1850 W. 16th St. (2)
ME 5-6496
216. Donham-Harris, Inc.
205 W. Morris
ME 7-1576
217. Dorsey Gage Co., Inc.
218. Douglas Engineering Co.
5612 N. Victoria Dr. (8)
CL 1-3647
219. Drake, Joe
4728 E. Pleasantway Run Pkwy. (1)
North Dr.
FL 9-8752
220. Drummond, V. H.
4845 College Ave.
AT 3-2489
221. Dudley Condit Co.
10246 N. Ruckle St.
CA R-4-8111
222. Durnell Co., Frank A.
1218 N. Hawthorne La. (19)
FL 6-0552
223. Dustman & Associates, Jack
125 W. 30th St. (8)
WA 5-3537
224. Elgin National Watch Co.
P. O. Box 20207 (20)
CL 5-8927
225. Ellis Co., C. H.
2432 Southeastern Ave.
P. O. Box 1517
ME 6-4488
226. Erickson Tool Co.
6216 Carrollton Ave. (20)
CL 1-3150
227. Ernest, Holdeman & Collet, Inc.
5302 N. Taconia Ave. (20)
CL 3-3461-3-3
228. Exact Weight Scale Co., The
54 W. 30th St. (8)
WA 3-7831
229. Ex-Cell-O Precision Products
28 E. 16th St. (2)
WA 6-3223
230. Fafnir Bearing Co., The
1500-14 E. Riverside Dr. (2)
ME 6-1584
231. Fairbanks, Morse & Co.
1499 N. Harding St. (7)
ME 8-2548
232. Federal Products Corp.
1126 Central Ave. (2)
ME 4-2445
233. Fitzgerald, Davis P.
5921 N. Olney
CL 3-3090
234. Foster, James L.
2705 E. Riverside Dr.
WA 6-3610
235. Galm Co., Inc., Kenneth J.
46 S. Capitol (4)
ME 4-3467
236. Garber Engineering Associates
3916 N. Pennsylvania St. (5)
AT 3-6206
237. Gardner-Denver Co.
3957 S. Meridian (27)
ST 7-1368
238. Garrett Machinery Co., C. C.
6060 College Ave. (20)
CL 5-4757
239. General Electric Co.
3750 N. Meridian St. (8)
WA 3-7221
240. General Supply & Tool, Inc.
1011 N. Pennsylvania St. (4)
ME 4-8353
241. Gille & Sons, George W.
16 N. East St. (4)
ME 4-9044
242. Glass Co., The John M.
18 S. New Jersey St.
243. Gordon Co., Claud S.
31 E. Georgia St. (4)
244. Gorske Industrial Equipment Co.
132 E. 30th St.
WA 4-1000
245. Graham Electronics Supply
122 S. Senate
246. Green Machinery Co., H. B.
644 E. 38th St. (5)
WA 6-6713
247. Greene & Associates, W. F.
3140 N. Illinois (8)
WA 5-5233
248. Gregg and Spohn
5416 College Ave.
CL 5-2013
249. Gruen Equipment Co.
1637 N. Illinois St. (2)
WA 6-8359
250. Guilmont Co., R. L.
2037 E. 46th St. (5)
CL 1-9261
251. Gurley-Ortman Indiana, Inc.
1707 E. 52nd St. (5)
CL 1-2338
252. Hannifin Co.
6226 College Ave. (20)
253. Harkins Engineering Sales Co.
6349 N. Guilford Ave. (20)
CL 1-0848
254. Harmening, Fred
1509 Shannon Ave. (1)
CE 3-8997
255. Hartley Associates, H. R.
107 W. 21st St.
WA 4-2626
256. Haynes Engineering Co.
1308 N. Chester St.
FL 6-1300
257. Hayworth, W. T.
8615 Manderley Dr. (20)
VI 6-3410
258. Heald Machine Co.
1841 N. Meridian St. (2)
WA 6-3378
259. Heavern, Siegrist & Thompson, Inc.
906 N. Illinois St. (4)
ME 2-3468
260. Hesoun, L. C.
6226 Nimix Dr. (18)
FL 6-8322
261. Holliday & Co., W. J.
545 W. McCarty St. (6)
ME 1-8311
262. Hoosier Bearing Co.
448 N. Illinois St.
263. Hoosier Solvents and Chemicals Corp.
1650 N. Luett Ave. (22)
ME 8-1361
264. Hooton, M. O.
485 E. 82nd St. (20)
265. Hoss Co., Henry G.
5964 Central
CL 1-4997
266. Houghton & Co., E. F.
3220 Kessler Blvd.
North Dr.
WA 5-3869
267. Humston Co., Inc., E. L.
1606 N. Illinois St. (2)
WA 5-9691
268. Hunker & Dixon
433 Merchants Bank Bldg. (4)
ME 6-6518

INDIANA

269. I-T-E Circuit Breaker
1224 N. Capitol Ave. (2)
ME 9-3454
270. Ihrrer Associates, Neal
5815 Highfall Rd. (20)
LI 6-5944
271. Indiana Electric Motors Co.
1347 N. Pennsylvania (2)
ME 4-7454-4-7455
272. Indiana Machine Tool Sales Co.
2927 Central Ave.
WA 6-0006
273. Indiana Manufacturers Supply Co.
945 Fort Wayne Ave. (7)
MS 5-2451
274. Indiana Navel Stores Co.
401-409 W. 17th St. (2)
WA 2431
275. Indiana Oxygen Co.
435 S. Delaware St. (25)
276. Indianapolis Belting & Supply Co.
34 S. Capitol Ave. (9)
ME 5-8664
277. Indianapolis Machinery & Supply Co.
1959 S. Meridian St. (6)
ST 4-4421
278. Indianapolis Steel Warehouse, Inc.
1410 Madison Ave. (6) P. O. Box 987
ME 2-9413
279. Industrial Air Equipment Co.
2047 E. 46th St. (5)
CL 1-9406
280. Industrial Rubber & Equipment Co.
205 W. Morris
ME 7-1575
281. Ingersoll-Rand Co.
5116 Laurel Hall Dr.
LI 6-1283
282. Inland Machinery Co.
5165 N. Keystone Ave. (5)
CL 3-2681
283. Inland Steel Co.
333 N. Pennsylvania Ave. (4)
ME 4-1458
284. International Chemical Co., Inc.
3247 Park Ave.
WA 3-3028
285. Jackson Engineering Co., Inc.
1531 N. Pennsylvania St. (2)
286. Janes, H. A.
96 Wellington Rd.
CL 1-6389
287. Jay Instrument & Specialty Co.
4918 W. 16th St. (24)
CH 1-8281
288. Jessop Steel Co.
1442 Consolidated Bldg.
ME 6-5539
289. Jones & Lamson Machine Co.
6325 Guilford Ave. (20)
P. O. Box 20222 (20)
CL 1-4220
290. Jones & Laughlin Steel Corp.
Circle Tower Bldg. (4)
ME 4-3413
291. Kavalaris, J. L.
2925 E. Washington St.
FL 9-4338
292. Kennametal, Inc.
3400 N. Meridian St. (8)
WA 5-6427-8
293. Kidney-Wood Co., Inc.
1502 W. Washington St. (22)
ME 7-1593
294. Kilby, R. D.
18203 Carrollton
VI 6-2967
295. Kinsey Co., The E. A.
1550 Stadium Dr. (2)
ME 8-2581
296. Laidlaw, L. E.
11 W. 17th St.
WA 3-7251
297. Landis Tool Co.
709 E. 38th St. (5)
WA 6-1662
298. Leeds & Northrup Co.
3513 N. Hovey St. (18)
WA 6-2482
299. Leich, Armin
5860 Norwaldo Ave. (20)
CL 1-3503
300. Leland-Gifford Co.
6216 Carrollton St. (5)
CL 1-5712
301. Lincoln Electric Co., The
5185 N. Keystone Ave. (5)
CH 5-2415-5-2416
302. Lindberg Engineering Co.
230 E. Ohio St. (4)
ME 5-4574
303. Linde Co.
729 N. Pennsylvania St. (4)
ME 5-3577
304. Loy Instrument Co.
2111 N. Kitley Ave.
FL 6-6318
305. Loyal Co., L. W.
2013 E. 65th St. (20)
CL 1-8951
306. Lugar, Charles W.
7990 Oakland Rd. (20)
307. Luther and Pedersen, Inc.
5420 N. College Ave. (20)
CL 1-7404
308. Machine Tool Affiliates
53 W. 30th St. (8)
WA 6-0888
309. Marathon Electric Manufacturing Corp.
1701 N. Sherman Dr., P. O. Box 7151
FL 7-1127-7-1128
310. Marschke & Sons, Inc., W. A.
1121-25 E. 46th St.
P. O. Box 5356
311. Marshall & Huchart Machinery Co. of Indiana, Inc.
628 Chamber of Commerce Bldg. (4)
ME 5-6347
312. Martin Co., Clair L.
286 W. 40th St. (8)
AT 3-6396
313. Matchette, Joseph M.
2211 E. 57th St. (20)
CL 1-1181
314. Material Handling Equipment Co.
1224 N. Capitol Ave. (2)
ME 5-2587
315. McAtee, Wm.
626 N. DeQuincy St.
FL 7-1483
316. McGinty, Inc., Wm.
5004 W. Washington St. (21)
317. McIntosh, Edgar D.
325 Bankers Trust Bldg.
ME 6-9676
318. Means & Associates, E. A.
5625 N. College Ave. (20)
CL 5-2736
319. Merchandise Warehouse Co., Inc.
1414 S. West St.
ME 2-2525
320. Mercury Engineering Co.
515 Harmon St. (25)
ME 6-2538
321. Metal Carbides Corp.
325 Bankers Trust Bldg. (4)
ME 3-3321
322. Metco Materials Handling Co.
2409 E. 38th St. (18)
LI 6-8126
323. Meyer, David
5630 Kilmer La. (20)
CL 5-1252
324. Meyer Materials, Inc.
6101 N. College Ave. (20)
P. O. Box 6162
CL 5-8253
325. Michigan Tool Co.
CL 5-8809
326. Miles Associates, Douglas M.
532 Circle Tower Bldg.
ME 2-4372
327. Miller, Richard
6342 Bryon Dr.
ST 4-6576
328. Milne & Co., Inc., A.
1635 Gent Ave.
ME 2-2927
329. Milroy, Inc.
4317 E. 39th St.
P. O. Box 7142
LI 7-7876-7-2116
330. Modco Tools Div.
1537 N. Central, Rm. 20
ME 4-1135
331. Modern Equipment Co., of Indianapolis
1140 College Ave.
ME 2-5317
332. Monarch Machine Tool Co., The
709 E. 38th St. (5)
WA 3-2925
333. Moore, A. D.
420 Chamber of Commerce Bldg. (4)
ME 4-6331
334. Moore, Gilbert C.
540 E. 32nd St. (5)
WA 3-8129
335. Moran, John E.
4431 Arcadia Rd.
CH 1-4386
336. Morath, Henry J.
325 Bankers Trust Bldg. (4)
ME 5-4082
337. Morris-Cunningham & Associates
6208 N. College Ave. (20)
CL 1-3222
338. Mueller Brass Co.
1414 S. West St. (6)
P. O. Box 1505
ME 6-2593
339. Munson, J. H.
10237 Central Ave.
VI 6-8155
340. National Engineering Co.
5775 Hillside Ave. (20)
CL 1-1132
341. National Refining Co.
538 S. Harding St.
ME 2-8448
342. Neff Engineering Co.
6101 College Ave.
342. Neff, Kohlbush & Blasell, Inc.
605 E. 38th St. (5)
WA 3-9243
344. Nelson, Wm.
2604 E. 62nd St.
CL 1-8304
345. Nester, R. J.
3213 Halifax Dr.
WA 3-3843
346. Newcomb, Roger
4480 Marcy La.
ME 2-3321
347. New Departure Div.
320 N. Meridian St. (4)
ME 5-5374
348. Niagara Machine & Tool Works
5226 N. Keystone Ave. (20)
CL 5-8757
349. Nonferrous Foundries, Inc.
22nd and Sherman Dr. (18)
LI 7-3539
350. Norton Co.
1301 W. 16th St. (2)
ME 7-2429
351. Oem Sales Co.
P. O. Box 55232 (5)
LI 6-2452
352. Oatis Machinery Co.
1865 N. Harding (2)
ME 7-1305
353. Oshry, H. M.
3728 Manor Ct.
LI 6-3151

SALES OFFICES

INDIANA

INDIANAPOLIS (cont.)

354. Oxalid Branch Office
216 S. Pennsylvania St. (4)
ME 7-2481
355. Pace Engineering Co.
1507 E. Michigan St. (1)
ME 3-2515
356. Paller Engineering Co.
3025 N. Illinois St.
WA 6-5444
357. Pfau-Vogel Co.
31 E. Georgia St.
ME 3-2523
358. Pioneer Tool Co.
1537 N. Central Ave. (2)
ME 3-4507
359. Platers Supply Co., Inc.
2311 Valley Ave. (18)
360. Pleasance, H. H.
524 Merchants Bank Bldg.
ME 6-2009
361. Plumbers Supply Co.
1015 Cornell Ave. (7)
362. Pollard, Donald C.
4054 Adams Ct., North (8)
LI 6-5422
363. Porterfield, H. Dan
4425 Fairhope Dr. (27)
ST 6-9172
364. Prah Co., Harry F.
8207 Windcombe Blvd. (20)
CL 5-0250
365. Pratt Co., Ray W.
4539 N. Keystone Ave. (5)
LI 6-8420
366. Pratt & Whitney Co., Inc.
4920 Harrison Pl. (18)
LI 6-7664
367. Precision Tumbling Co.
1457 E. 16th St.
ME 8-5236
368. Production Tools of Indiana
1130 Central Ave. (2)
ME 5-7621
369. Quality Mill Supply Co., Inc.
150 S. Senate Ave.
ME 5-6588
370. Ram Tool & Supply Co.
3515 Southeastern Ave. (3)
371. Rawdon Myers Agency Div., Office
4908 Broadway (5)
AT 5-8531
372. Reliance Electric and Engineering Co.
4606 Evanston Ave. (5)
P. O. Box 55505
CL 3-2717-48
373. Republic Steel Corp.
900 Circle Tower (4)
ME 2-5386
374. Revere Copper and Brass Inc.
645 E. 61st St. (20)
375. Reynolds Metals Co.
1800 N. Meridian St. (2)
WA 5-7257
376. Richards Co., Blaine
6140 Winpenny La. (20)
CL 3-3505
377. Richardson Co., The
P. O. Box 582 (6)
ME 8-2341
378. Richey & Sons, G. A.
1050 Broad Ripple Ave. (20)
P. O. Box 20167
CL 1-3216
379. Ridgway Engineering, Inc.
1224 N. Capitol Ave. (2)
ME 5-2401
380. Roberts, James F.
1035 Oakwood Trail
CL 5-5991
381. Rodecker, Joseph L.
5015 E. 69th St. (20)
CL 3-4886
382. Rumbaugh, William
1123 N. Ritter (19)
FL 3-0397
383. Ryerson & Son, Inc., Joseph T.
Box 918 (6)
FL 9-8282
384. Sadler Co., J. O.
1805 Sharon Ave.
ME 6-1085
385. Scherer Electric Co.
940 S. West St. (7)
ME 3-3466
386. Schmid, H. W.
1955 Ruckle St.
WA 3-2026
387. Scott Industrial Equipment Co.
3019 N. Illinois St. (8)
WA 5-8918
388. Sedlak, Frank E.
54 W. 30th St.
WA 4-1155
389. Service Supply Co., Inc.
1035 Madison Ave.
ME 7-5431
390. Shank Co., Wm. M.
5820 Evanston Ave. (20)
CL 5-3511
391. Sharon Steel Corp.
415 Chamber of Commerce Bldg. (4)
392. Shaw Brothers
2409 S. 38th St. (18)
393. Sheffield Indiana Sales Corp.
6960 E. Tenth St. (19)
FL 9-5442
394. Shell Oil Co.
450 N. Meridian St. (4)
395. Simmons Industries
229 Shelby St. (6)
ME 1-6003
396. Sinclair-Collins Valve Co.
P. O. Box 8272 (24)
ME 4-9415
397. Singleton Abrasive Supply Co., The
4610 N. Evanston Ave. (5)
CL 1-9828
398. Skill Corp.
1620 E. Riverside Dr. (2)
ME 7-1375
399. Slaughter Co., R. L.
4243 Central Ave. (5)
AT 3-8338
400. Smith, Wm. R.
5944 N. Keystone Ave. (20)
401. Snap-on Tools Corp.
848 Fort Wayne Ave. (2)
ME 4-8339
402. Special Machinery Sales Co.
350 E. New York Ave. (4)
ME 2-6321
403. Standard Die Supply Inc.
26 E. McCarty St. (25)
ME 5-6318
404. Standard Oil Co. (6)
1201 E. 38th St. (6)
WA 4-4541
405. Standiford, R. S.
7948 Ashton Dr.
406. Stark Co., Inc., E. C.
319 N. Capitol Ave. (4)
ME 4-1412
407. State Machinery Co.
1800 N. Meridian St. (2)
WA 3-3221
408. Steel Sales Corp.
2185 N. Sherman Dr. (18)
LI 6-1535
409. Stevenson Co., Jack K.
1501 E. 80th St. (20)
CL 5-3855
410. Stone Engineering Co.
P. O. Box 6140 (20)
LI 7-5448
411. Stover, Richard H.
6014 Primrose Ave. (20)
CL 1-0573
412. Sun Oil Co.
715 E. 52nd St.
WA 4-4513
413. Surface Combustion Corp.
5420 College Ave. (20)
CL 1-7711
414. Sutton-Garten Co.
401-415 W. Vermont St.
ME 4-2308
415. Sweeney Co., Wm. P.
1540 N. Meridian St. (2)
416. Syntrol Indianapolis Sales Co.
2209 E. Tenth St. (1)
ME 8-0718
417. Taylor & Co., H. R.
2930 E. Kessler Blvd. (20)
CL 1-7773
418. Tec Engineering Corp.
132 E. 30th St. (5)
WA 3-8538
419. Technical Equipment Sales Co.
6216 Carrollton Ave.
CL 1-9862
420. Teeling Co., D. G.
5262 Lancelot Dr. (20)
P. O. Box 6011
CL 1-9571
421. Texas Co., The
3521 E. Michigan St. (1)
FL 7-8371
422. Thompson Tool Co., Frank
2618 E. 58th St.
CL 5-0161
423. Thompson Co., R. H.
333 N. Pennsylvania St. (4)
ME 5-9393
424. Thomson Manufacturing Co.,
Judson L.
203 E. 106th St.
425. Thor Power Tool Co.
1489 N. Harding St. (7)
ME 8-4545
426. Tool & Die Makers Supply Co.
4715 Cornelius Ave.
427. Tools and Supplies
1805 W. 18th St. (7)
ME 5-6514
428. Transmission Supply Co.
1844 W. 16th St.
ME 7-5471
429. Tubular Rivet & Stud Co.
322 Chamber of Commerce Bldg. (4)
ME 5-3748
430. Udyllite Corp., The
222 S. Arsenal (1)
ME 6-1730
431. United States Electrical Motors, Inc.
709 E. 38th St. (5)
WA 3-2467
432. Universal-Cyclops Steel Corp.
716 Union Title Bldg. (4)
ME 8-7597-98
433. Valenite Metals Div.
1537 N. Central, Room 20
ME 4-1135
434. Valvair Corp.
P. O. Box 8272 (24)
ME 4-9415
435. Vanadium-Alloys Steel Co.
3721 N. Keystone Ave. (18)
LI 6-1251
436. Van Devender, Harry
3545 Balsam Ave.
WA 3-4831
437. Vascology-Ramet Corp.
1514 N. Pennsylvania St. (2)
ME 5-1072
438. Vickers, Inc.
656 E. 62nd St. (20)
CL 3-3535
439. Viking Pump Co.
407 Madison Ave. (25)
ME 5-8349

SALES OFFICES

INDIANA

440. Voelker Co., Henry R.
118 E. 63rd St. (20)
CL 3-3777
441. Vonnegut Hardware Co.
402 W. Maryland St. (9)
ME 2-2321
442. Voyles, C. T.
1170 N. Shortridge Rd. (19)
FL 9-0698
443. Wagner, John J.
3533 N. Olney Ave.
LI 6-7643
444. Wales Strippl, Inc.
132 E. 30th St.
WA 6-9660
445. Wallace, L. E.
2642 Forest Manor Ave. (18)
LI 6-1109
446. Wapakoneta Machine Co., The
1537 N. LaSalle St.
ME 8-1611
447. Warner & Swasey Co., The
6216 Carrollton Ave. (20)
P. O. Box 6034
CL 1-0796
448. Weirton Steel Co.
320 N. Meridian (4)
ME 5-3308
449. Welch, Malcom
P. O. Box 6562 (27)
450. Welding Equipment & Supply Co.
2047 E. 46th St. (5)
CL 1-9406
451. Weldon Engineering Co.
3601 N. Guilford Ave.
WA 6-4053
452. Wellman Engineering
4618 Winthrop Ave. (5)
AT 3-5698
453. Wesson Co.
132 E. 30th St.
WA 5-3795
454. Whitesell & Associates, R. O.
6620 E. Washington St. (1)
FL 9-5374
455. Williams, Austin
1244 River Heights Dr. (20)
456. Winston Machinery Co., Inc.
326 W. Ohio St. (2)
ME 5-2408-3
457. Young Co., Inc., The A. B.
520 N. Dorman St. (2)
ME 6-6351
458. Younts, William F.
3116 N. Webster St. (18)
LI 7-6877
459. Ziv Steel & Wire Co.
633 Fulton St. (2)
ME 7-4583

JASPER

460. Carbi-Service Corp.
Box 391

JEFFERSONVILLE

461. Owens, W. I.
519 Michigan

KOKOMO

462. Gundersen, Hans
327 N. Berkley Rd.
463. Mid Central Engraving
Box 621
GL 7-1733
464. Northern Indiana Supply Co., Inc.
304-308 S. Main St.
GL 9-4151
465. Stout & Loman
P. O. Box 150
GL 9-8236

LAFAYETTE

466. Biggs Pump & Supply
52 By-Pass at Rte 26
Phone: 2-6161

LA GRANGE

467. M & H Engineering, Inc.
P. O. Box 81
UL 4-4791
468. Mable, Ira
P. O. Box 81
UL 4-4791

LAWRENCEBURG

469. Southeastern Supply Co.
317 Walnut St.
Phone: 342

LEBANON

470. Drake, Rex E.
P. O. Box 350
Phone: 1530
471. Dryer, G. L.
R. D. D. #5
Phone: 705
472. Sill, B. E.
113 W. Chicago

LOGANSPOUT

473. Baker Specialty & Supply Co.
701-711 Erie Ave.
Phone: 5116
474. Michigan Abrasive Co.
1311 Sycamore
Phone: 9-333
475. Tec Engineering Corp.
2402 High St. (4)
LO 3305

MARION

476. Peerless Tool Service, Inc.
323 E. Fourth St.
477. Yale Supply Co., Inc.
P. O. Box 244

MICHIGAN CITY

478. Oleck Co., Tom A.
318 Warren Bldg.
TR 4-0952

MISHAWAKA

479. Dearborn Fab. & Engineering Co.
1131 E. Fifth St.
BL 9-2444
480. Law Instrument Co.
1217 E. Third St.
BL 5-5167
481. Marshall & Huschart Machinery Co.
1107 Lincolnway, East
BL 5-2949
482. Materials Handling Equipment Co.
215 Lincolnway, West
483. Riggs Co., J. Arch
711 E. Grove St., P. O. Box 182
484. Schrader Welding Supplies, C. A.
2629 Lincoln Wy., West

MONTPELIER

485. Brockelsby, C. L.
P. O. Box 95

MUNCIE

486. Bearings, Inc.
301 N. Madison
AT 4-1425
487. Bunner, Charles
P. O. Box 1134
AT 8-5612
488. Darger & Associates, Carl A.
P. O. Box 670
AT 2-9956

489. Desautels Co., Geo. O.
P. O. Box 776, Wysor Block
AT 4-9831
490. Detrex Chemical Industries, Inc.
622 N. Broadway
AT 8-4413
491. General Supply Co.
219-221 W. Main St., P. O. Box 770
AT 4-1467-8
492. Hayden & Quinn
618 Wysor Bldg.
AT 4-1691
493. Kerns Co., L. R.
1318 W. Main St.
AT 8-7893
494. Leonard, Ralph L.
206 Greenbriar Rd.
AT 4-9474
495. Miller Co., A. D.
618 Wysor Bldg.
P. O. Box 565
AT 4-1691
496. Murphey, John E.
2507 Janney Ave.
AT 4-6267
497. Nelson Gage & Tool Service
510 Wysor Bldg.
AT 8-5712
498. Shannon, Roland
223 Winthrop Rd.
AT 2-5518
499. Tec Engineering Corp.
203 N. Talley
AT 2-7735
500. Universal Electric Co., Inc.
P. O. Box 72
501. Wedlick, D. C.
200 Forest Ave.
AT 4-2401

MUNSTER

502. Wapakoneta Machine Co., The
8141 Highland Pl.
TE 6-8594

NEW AUGUSTA

503. Air-Hydraulics of Indiana
7769 Lafayette Rd.
TR 8-2105

NEW HAVEN

504. Barton Sales Co.
1205 Park Ave.
Phone: 7083
505. L & L Tool Co.
431 Broadway
Phone: 4754

NORTH MANCHESTER

506. Hackett-Brothers, Inc.
202 W. Main St.
Phone: 112

PENDLETON

507. Micromatic Hone Corp.
231 S. Pendleton Ave.
Phone: 700

PERU

508. Marburger Supply Co.
State Rd. 21 South

PLAINFIELD

509. Taylor, James F.
316 Holiday Dr.
TE 9-3593

PLYMOUTH

510. Cloutier, James A.
1005 N. Michigan St.
WE 6-3409

SALES OFFICES

INDIANA

RICHMOND

- 511. Creamer, James D.
417 Park Terrace Dr.
- 512. Detrex Chemical Industries, Inc.
517-521 N. "D" St.
Phone: 2-2528
- 513. Gardner Machine Co.
302 Medical Arts Bldg.
Phone: 2-2744
- 514. Miller Brothers Hardware Co.
192 Ft. Wayne Ave.
Phone: 2-4001
- 515. Miller Electric Manufacturing Co., Inc.
3220 Avon La.
Phone: 2-2646
- 516. National Automatic Tool Co., Inc.
S. Seventh and "N" Sts.
Phone: 2-1183
- 517. Queen City Supply Co., The
415-417 N. 12th St.
Phone: 2-4023
- 518. Richmond Industrial Supply, Inc.
183 Fort Wayne Ave.
Phone: 2-3013

SHELBYVILLE

- 519. Kaylor, Jim
P. O. Box 325

SOUTH BEND

- 520. Airborne Instruments Lab.
105 N. Main St. (1)
CE 2-7240
- 521. Allis Co., The Louis
436 N. Michigan St. (1)
CE 2-0601
- 522. Aluminum Co., of America
805 J. M. S. Bldg. (1)
CE 2-3333
- 523. Bearings Service Co., Inc.
412 E. Sample St.
AT 9-5581
- 524. Bellows Co., The
310 Sherland Bldg.
AT 7-6851
- 525. Benson, Robert W.
710 Harrison Ave.
- 526. Bombardier, Charles W.
208 Lafayette Bldg.
CE 2-3250
- 527. Boylan, Wm. J.
413 W. Colfax
CE 3-7191
- 528. Bullard Co., The
436 N. Michigan St. (1)
CE 4-1210
- 529. Cass Hudson Co.
1013 S. Michigan St. (18)
- 530. Crane Packing Co.
231 S. Holiday Dr.
CE 4-4331
- 531. Cutting Tools, Inc.
432 S. Fellows St.
AT 7-2375
- 532. Dorsey Gage Co., Inc.
- 533. Easley Machinery Co., E. L.
Box 887, Main P. O.
CE 2-8233
- 534. Ex-Cell-O Corp.
404 W. Washington Ave. (1)
AT 8-5388
- 535. Federal-Bryant Machinery Co.
1524 S. Miami St. (14)
AT 8-6767
- 536. Frederick, Alex C.
405 Wakewa Ave.
CE 3-3664
- 537. General Electric Co.
610 N. Michigan St. (1)
CE 4-4196
- 538. Heat Treat, Inc.
1331 N. Side Blvd.
AT 8-4794
- 539. Hehl Co., H. W.
2808 S. Michigan (14)
P. O. Box 516
AT 9-7549
- 540. Houghton & Co., E. F.
P. O. Box 92
AT 9-5718
- 541. Hydra-Mech, Inc.
921 S. Main St.
AT 8-4461
- 542. Ideal Industries, Inc.
P. O. Box 741 (24)
AT 7-1519
- 543. Indiana Products Co.
1611 S. Lafayette
- 544. Indiana Tool & Supply
1525 S. Walnut St. (14)
AT 7-0700
- 545. Industrial Sales & Service, Inc.
1913-1915 S. Michigan St. (14)
AT 9-6345
- 546. Ingersoll-Rand Co.
2721 Southridge Dr.
AT 8-4529
- 547. Kavanaugh, Russell L.
404 W. Washington Ave. (1)
AT 8-5388
- 548. Kidney Equipment Co.
26586 U. S. Hwy 20 West (28)
- 549. Kimball Ind. Sales Corp.
730 W. Indiana Ave. (14)
AT 8-4601
- 550. Koontz-Wagner Electric Co., Inc.
516 N. Michigan St. (1)
CE 3-8251
- 551. Lone, R. T.
2424 Bonds Ave. (28)
- 552. Marshall & Huschart Machinery Co.
1543 S. Brook Dr., or 54400 Maple La.
AT 9-8383—CE 2-0382
- 553. Mellen, T. S.
601 Tower Bldg. (1)
CE 3-0009
- 554. Merrick Evans Co.
828 Park Ave.
- 555. Mittler Supply, Inc.
3607 S. Main St.
- 556. National Mill Supply, Inc.
224-228 E. Monroe
AT 7-2361
- 557. Neff Engineering Co.
707 S. Eddy St.
- 558. Neff, Kohlbusch & Bissell, Inc.
1704 Ridgedale
AT 8-2600
- 559. Norman Engineering Co.
1627 Southeast Dr. (14)
- 560. Office Engineers, Inc., The
116 S. Michigan St. (9)
CE 3-3118
- 561. Oldham Materials Handling
Box 2065, River Park Station
- 562. Perkins, Lyle C.
310 Sherland Bldg.
CE 2-0771
- 563. Perry Welding Sales & Service
1600 W. Washington Ave.
CE 2-2741
- 564. Powell Tool Co.
1338-40 Mishawaka Ave. (15)
AT 9-5578
- 565. Power Transmission Co.
802 S. Main St.
AT 8-4471
- 566. Reynolds Metals Co.
306 S. Notre Dame Ave.
CE 3-2189
- 567. Ridge Tool & Supply
315 W. Jefferson Blvd. (1)
CE 4-3147

- 568. Ryerson & Son, Inc., Joseph T.
Room 412, Platt Bldg.
CE 3-2191
- 569. Short, R. H.
601 Tower Bldg. (1)
CE 3-4588
- 570. Sinton Supply Co., Inc.
543 Lincolnway East
- 571. Sippel Equipment Co., Inc.
1206 Mishawaka Ave.
AT 9-5545
- 572. Smith Tool & Supply Co.
923 Portage St. (16)
CE 2-0409
- 573. South Bend Supply Co., The
324 S. St. Joseph St. (24)
CE 2-1421
- 574. Supreme Products Corp.
405 Wakewa Ave.
- 575. Snytron Chicago Sales Co.
1516 Woodmont Dr. (14)
AT 8-7918
- 576. Tool Service Co.
404 S. Walnut St.
AT 7-6325
- 577. Torrington Co., The
3702 W. Sample St. (21)
AT 7-3321
- 578. TruCut Tool & Supply Co.
721 LaPorte Ave. (34)
CE 4-3171
- 579. Tuck, Richard
740 Harrison Ave.
CE 4-6196
- 580. United Export Corp.
2126 Mishawaka Ave.
P. O. Box 741
AT 7-1519
- 581. Wagner, Willard F.
1437 E. McKinley Ave.
CE 4-4330
- 582. Ward, Norris
1102 N. O'Brien St.
CE 3-8997
- 583. Warm, E. E.
54896 Edgewater (28)
CE 3-5687

SOUTH WHITLEY

- 584. Grip Nut Co.
Phone: 112

TERRE HAUTE

- 585. Bearings, Inc.
1478 Wabash Ave., Box 191
CR 2035
- 586. Crawford Co., B. F.
1921 S. Third St.
P. O. Box 2027, Idaho Station
LI 9335
- 587. Crawford & White, Inc.
420 N. Ninth St.
LI 8011
- 588. Gharst Supply Co., C. F.
550 N. Ninth St.
CR 1213
- 589. Hardware Supply Co.
940 Chestnut St.
- 590. Hobart Distributing Co.
700 N. 13th St.
- 591. Industrial Supply Co.
322 N. Ninth St.
LI 6141
- 592. Mechanical Supplies, Inc.
118 N. Ninth St.

TIPTON

- 593. Screw Machine Engineering Associates
P. O. Box 114
OS 5-7316

UNION CITY

- 594. Lynch Supply Co., Inc.
121 E. Elm St.
Phone: 799

VALPARAISO

585. Howard, A. Hugh
52 Harrison Blvd.
Phone: 3-4141
586. McCasland, G. R.
1362 Franklin Ave.
VA 3-7701
597. Wermcrantz, Eric G.
P. O. Box 448
VA 4-2461

WABASH

598. Martin Equipment Co.
P. O. Box 173
Phone: 908
599. Rettig & Sons, F. J.
485 W. Canal St.
600. Wabash Machine & Tool Works
592 S. Wabash St.
Phone: 916

WARSAW

601. DeCamp, Verne
P. O. Box 328
602. Macco Products Co., The
R. R. #1
AM 7-6297

WHITELAND

603. Rice, L. H.
168 Hollybrook Dr.
KE 5-4500

WHITING

604. American Smelting & Refining Co.
P. O. Box 471
ES 5-5000

WILKINSON

605. Allison-Campbell Div.
Box 103
(Indianapolis: ME 2-1461)

YORKTOWN

606. Hood Machinery Co.
SK 9-7711

IOWA

BETTENDORF

1. Air Reduction Sales Co.
2561 State St.
2. Allen-Bradley Co.
P. O. Box 223
Phone: 5-1294
3. Benesh Co., L. H.
P. O. Box 245
DA 5-0771
4. Gaynor, Frank J.
1319 Middle Rd.
DA 5-3549
5. Gordon Power Co.
322 River Dr., Box 324
Phone: 5-2829
6. Houston, William M.
2810 Bellevue Ave.
Phone: 5-1203
7. Hubill Co.
P. O. Box 264
DA 3-8031
8. Leeds & Northrup Co.
1503 Lakewood Dr.
DA 6-3100

BONAPARTE

9. Corry's Machine & Tool
P. O. Box 301
Phone: 112

BURLINGTON

10. McDonald Manufacturing Co., A. Y.
2835 Mt. Pleasant St.
P. O. Box 573
FL 2-5475

CEDAR RAPIDS

11. Allen Supply Co., Inc.
221 Third Ave., Southwest
Phone: 3-3533
12. American Brass Co., The
American Metal Hose Div.
First Ave. Bldg.
13. Barron Motor Supply
728 Third Ave., Southeast
EM 2-3155
14. Bellows Co., The
322 Dows Bldg.
EM 5-1674
15. Cedar Rapids Mill Supply
615 Second Ave., Southeast
EM 4-6117
16. Cohn & Sons, Inc., E.
900 "L" St., Southwest
17. Detrex Chemical Industries, Inc.
401-411 First St., Southeast
EM 2-1147
18. Froberg, Theodore
364 Park Terrace, Southeast
EM 2-6547
19. Gall, W. E.
206 27th St., Dr., Southeast
20. General Electric Co.
210 Second St., Southeast
Phone: 4-9149
21. Globe Machinery & Supply Co.
309-313 Eighth Ave., Southeast
EM 3-3527
22. Hersey, J. Taylor
2120 Greenwood Dr., Southeast
Phone: 2-2631
23. Iowa Bearing Co.
509 First St., Southeast
24. Iowa Midland Supply Inc.
823 Rockford Rd., Southwest
P. O. Box 328
EM 2-7831
25. Johnson Tool & Supply, Inc.
700 Second St., Southwest
EM 5-5217
26. Kacena Co., The
829 Second Ave., Southeast
27. Lamb Welding Supply Co.
118 11th St., Southwest
28. Lincoln Electric Co., The
P. O. Box 565
29. McNeal Tool & Supply Co.
107 Tenth St., Northeast
P. O. Box 1786
EM 5-4673
30. Power, Jake V.
P. O. Box 246
EM 5-2611
31. Rabourn Engineering Service
1831 16th Ave., Southwest
EM 5-3872
32. Snell Associates, M. W.
P. O. Box 249
Phone: 2-3295

CHARLES CITY

33. Standard Battery & Electric Co.
106 Wisconsin St.

CLARINDA

34. Farrens Sales Co.
P. O. Box 274
LI 2-3544
35. Lisle Corp., The

CLINTON

36. Armstrong & Sons, C. E.
721 S. Second St.

DAVENPORT

37. Airborne Instruments Lab.
220 Main St.
DA 3-8057

INDIANA

38. Allen Supply Co.
317 W. Third St.
39. Allis Co., The Louis
415 Perry St.
P. O. Box 892
Phone: 6-1627
40. Allis-Chalmers Mfg. Co.
326 W Third St.
Phone: 3-9793
41. Alter & Sons, Harry
514 S. Howell St.
Phone: 3-3601
42. Aluminum Co., of America
503 Kahl Bldg.
Phone: 2-6243
43. Big River Equipment Co., Inc.
518 W. Fourth St.
44. Canfield, Arthur
112 E. Fourth St.
P. O. Box 341
DA 6-3626
45. Carrier Corp.
601 Brady St.
DA 2-6301
46. Chicago Rawhide Mfg. Co.
725 Union Arcade Bldg.
DA 7-3441
47. Clark Controller Co., The
1012 Hall St.
Phone: 5-0316
48. Colson Corp., The
511 Brady St.
Phone: 6-4151
49. Corcoran, William J.
1612 Northlawn Rd.
Phone: 7-5324
50. Corry's Machinery & Tool
736 Federal St.
Phone: 7-5893
51. Crossen & Co., C. W.
Kahl Bldg.
326 W. Third St.
DA 7-9351
52. Deco Tool & Supply Co.
1440 W. Third St.
Phone: 2-1791
53. DoALL Iowa Co.
2016 E. River St.
Phone: 7-9115
54. Fairbanks, Morse & Co.
2002 W. River St.
Phone: 6-3533
55. General Electric Co.
1039 State St., Bettendorf
P. O. Box 630, Davenport
DA 5-0231
56. Globe Machinery & Supply Co.
401 E. Second Ave.
Phone: 2-7151
57. Louis Hanssen's Sons
213-215 W. Second St.
58. Houghton & Co., E. F.
P. O. Box 412
DA 7-9084
59. Industrial Engineering Equipment Co.
122-124 E. Fourth St.
DA 3-9721
60. Inland Steel Co.
326 W. Third St.
DA 7-9111
61. Iowa Bearing Co., Inc.
111 Perry St.
Phone: 2-2631
62. I-T-E Circuit Breaker
P. O. Box 241
218 Brady St.
Phone: 6-5327
63. Johnson Equipment Co.
315 First Federal Bldg.
Phone: 2-5511
64. Macken and Son, D. C.
1615 Davenport Ave.
Phone: 2-2186

SALES OFFICES

IOWA

DAVENPORT (cont.)

65. Marathon Electric Mfg. Corp.
705 Union Arcade Bldg.
Phone: 6-3133
66. Midwest Equipment Co.
P. O. Box 532
Phone: 7-4074
67. Moehlenpah Engineering, Inc.
Room 605, Union Arcade Bldg.
Phone: 3-5701
68. Norman Engineering Co.
Box 431
Phone: 7-9049
69. Rempfer & Associates, E. E.
611 Kahl Bldg.
Phone: 3-7014
70. Roemer Machine & Welding Co.
911 W. Fourth St.
Phone: 3-0271
71. Service Engineering Co.
3805 Brady St.
Phone: 6-4397
72. Shaw Co., A. M.
604 Harrison St.
DA 6-5525
73. Sieg Co.
500-516 Iowa St.
74. Stevenson Sales Co., Inc.
Clark St. and Indian Rd.
DA 6-4477
75. Torrington Co., The
2212 E. 12th St.
DA 7-7098
76. U. S. Electrical Motors, Inc.
611 Kahl Bldg.
DA 3-5211
77. Volco Co.
215 Kahl Bldg.
Phone: 6-2144
78. Voss, William R.
3818 Johnson Ave.
79. Wales Strippl, Inc.
611 Kahl Bldg.
Phone: 6-2721
80. Warner & Swasey Co., The
Corner Third and Ripley Sts.
DA 2-3406
81. Zulfer, Joseph
329 Forest Rd.
DA 5-4567

DES MOINES

82. Acme Supply Co., Inc.
3920 E. 14th St. (16)
AM 2-4631
83. Alemitte Co.
1216 Forrest Ave. (11)
84. Allis-Chalmers Mfg. Co.
206 Sixth Ave.
Phone: 3-8682
85. Aro Equipment Corp.
P. O. Box 221
CR 4-0855
86. Bamford, Chris R.
3000 Twana Dr.
CR 7-2313
87. Big River Equipment Co., Inc.
2912 Sixth Ave.
88. Brown, Wendell J.
704 44th St.
CR 7-9158
89. Central Bearings Co., Inc.
505 New York Ave. (13)
CH 3-0183
90. Clancey Co.
3844 Valdez Dr. (10)
CR 9-9102
91. Deco Engineering Products
1112 Locust St. (9)
AT 8-5721
92. Des Moines Iron Co.
123 Southwest Third St.
CH 3-0177
93. Donald Corp.
308 E. Sixth Ave. (9)
CH 3-7623
94. Electrical Engineering & Equipment Co.
1201 Walnut St., (7)
AT 2-0431
95. Engineering & Supply Co.
1601 E. Grand Ave.
AM 2-7494
96. Exact Weight Scale Co., The
4315 Franklin St.
CR 9-2186
97. Fairbanks, Morse & Co.
2017 Dean Ave. (17)
AM 6-1189
98. General Electric Co.
3116 W. Grand Ave. (12)
CH 3-0194
99. Globe Machinery & Supply Co.
Box 1514
E. First and Court Ave. (6)
CH 4-3231
100. Grimes & Co., Carl
1600 Ninth St.
AT 2-3954
101. Hawkeye Machinery Co.
1225 Walnut St. (9)
AT 2-0244
102. Holdsworth, G. M. (Mel)
2904 Vine St.
BL 5-5426
103. Houghton & Co., E. F.
7407 Southwest 15th St.
CH 4-7562
104. Industrial Handling Equipment Co.
547 44th St. (13)
AT 2-4902
105. Industrial Supplies
1544 Second Ave. (14)
AT 8-7446
106. Iowa Bearing Co.
12th and Grand Ave.
107. Iowa Machinery & Supply Co.
1711 Second Ave. (14)
AT 8-6123
108. Iowa Safety Equipment Co.
414-416 12th St.
109. Johnson Tool & Supply
1537 Second Ave. (14)
AT 8-6743
110. Johnston Co., Frank R.
704 Hubbell Bldg.
Phone: 2-5171
111. Ken-Dick Corp.
1701 Second Ave.
AT 8-1717
112. Kurtz Co., L. H.
100-114 Court Ave., (9)
CH 4-3221
113. Lagerholm, Fred W.
340 43rd St. (12)
CR 7-9513
114. Leeds & Northrup Co.
Apt. 23-A, Wakonda Village (15)
CH 3-6081
115. Lincoln Electric Co., The
5311 Southwest Ninth St. (15)
AT 8-4117
116. Lowe Welding Sales
810 Tuttle (9)
AT 8-2655
117. Machine Tools, Inc.
124 Washington St. (14)
AT 8-1043
118. McDonald Mfg. Co., A. Y.
629 Southwest Ninth St. (4)
P. O. Box 976
CH 4-9171
119. McIlhion, Dan
4116 Maryland Pike (10)

120. Midwest Equipment Co.
842 Fifth Ave., (14)
CH 3-1203
121. Mueller Brass Co.
3101 Ingersoll (12)
CR 4-1431
122. Peerless Supply Co.
2431 Dean Ave.
AM 5-0333
123. Petty, William H.
1534 W. 12th St. (14)
CH 4-6780
124. Pittsburgh-Des Moines Co.
1015 Tuttle St. (8)
DM 3-3261
125. R & R Welding Supply Co.
University at First
Phone: 8-0191
126. Reynolds Metals Co.
316 Des Moines Bldg. (9)
127. Riekes & Sons, S.
444 Southwest Fifth St.
Phone: 4-0149
128. Roehlk & Associates, John
3420 45th St.
BL 5-0358
129. Sandy, Frank R.
3411 Southwest 31st St.
CH 3-7500
130. Sinclair Refining Co.
512-14 Liberty Bldg. (9)
131. Skil Corp.
3629 E. 14th St. (16)
AM 2-5201
132. Snap-on Tools Corp.
609 E. Walnut St. (9)
CH 3-3257
133. Sparks Co., R. H.
1405 29th St. (11)
CR 7-9304
134. Standard Oil Co. (Indiana)
Room 100, Central Life Bldg.
Fifth and Keosauqua Wy. (3)
CH 4-6211
135. Syntrol Des Moines Sales Co.
518 Grand Ave. (9)
CH 4-2011
136. Walker, W. E.
5444 Southwest 20th St.
AT 8-7744

DUBUQUE

137. Deckert Co., W. D.
898 Central Ave.
138. Globe Machinery & Supply Co.
Seig-Dubuque Co.
139. McDonald Mfg. Co., Inc., A. Y.
P. O. Box 118
57 S. Locust St.
Phone: 2-5471

FORT DODGE

140. Balbach Co., The
315 Second Ave., South
141. Brown Supply Co., W. C.
509 First Ave., North
Phone: 6-4941
142. Pederson-Sells Equipment Co.
520 S. 30th St.
Phone: 5-3631

KEOKUK

143. Tri-State Welding Supply Co.
1124 Johnson St.
Phone: 21

MARION

144. Stork, W. H.
1575 Henderson Dr.
DR 7-3317

MARSHALLTOWN

145. Detrex Chemical Industries, Inc.
119 State St.
Phone: 3140
146. Glick Supply Co.

SALES OFFICES

MASON CITY

147. Kurtz Co., L. H.
19 Eighth St., Southeast
Phone: 803
148. Wilkinson Abrasive Co., L. W.
110 S. Delaware Ave.
Phone: 1339

MONTEZUMA

149. Brownell Industries

MOUNT VERNON

150. Crane Packing Co.
216 "A" Ave., South
Phone: 4871

NEWTON

151. Cline Tool & Service Co.
1714 N. Fourth Ave., East
P. O. Box 471
NE 1580-81
152. Gardenhire, Jean J.
203 W. 11th St., South
Phone: 729-R

OTTUMWA

153. Valley Supply Co.
1200 W. Second St.

RED OAK

154. Miller Electric Manufacturing Co., Inc.
200 Joy St.
Phone: 4423

SIOUX CITY

155. Fuchs Machinery & Supply Co.
156. General Electric Co.
572 Orpheum Electrical Bldg.
Phone: 5-0919
157. Hydraulic Sales & Service
409 Water St.
158. McDonald Mfg. Co., A. Y.
1201-1209 Gordon Dr. West
Phone: 8-3576
159. Novelty Mfg. Co.
160. Pecaunt Industrial Supply
1819 E. Fourth St.
161. Sioux City Iron Co.
P. O. Box 957
312-14 Court St.
Phone: 5-7696
162. Sioux Machinery & Supply Co.
326 Benson Bldg. (2)
Phone: 8-0634
163. Sioux Machine Tool Co.
Fifth at Jones St. (2)
Phone: 5-7646
- 163A. United Wholesalers, Inc.
623 Water St. (3)

SPENCER

164. Globe Machinery & Supply Co.
310 N. Railway
Phone: 1786

VINTON

165. Macco Products Co., The
P. O. Box 22
GR 2-3420

WATERLOO

166. Allen Supply Co.
217 E. Fifth Ave.
AD 4-6301
167. Bearing Service Co.
1217 Washington St.
AD 4-6846
168. Cohn Bros., Inc.
901-917 Commercial St.
AD 4-6613

169. DECO Tool Supply Co.
624 Broadway

170. General Electric Co.
206 W. Fourth St.
AD 3-2665
171. McDonald Mfg. Co., A. Y.
200 Ida St.
P. O. Box 358
172. Newkirk Sales Co.
417 W. Fifth St.
AD 3-3549
173. Repass Automobile Co.
170 W. Park St.
174. Standard Battery & Electric Co.
217 W. Fifth St.
AD 4-5531
175. Superior Welding Supply
820 Jefferson St.
176. Troutner, Clarmont H.
1169 Winsor Dr.
AD 2-8459

WEST DES MOINES

177. Moehlenpach Engineering, Inc.
2904 Vine St.
BL 5-5426

WEST LIBERTY

178. Link, Joseph E.
P. O. Box 45
MA 7-3852

KANSAS

COFFEYVILLE

1. Coffeyville Mill Supply Co.
713 Union St.
2. Industrial Supply Co.
804 Hickman St.
Phone: 235

COUNCIL BLUFFS

3. Kochel, Sheldon
911 Ave. "E"
Phone: 3-6687

EL DORADO

4. Apex Supply Co.
606 N. West Ave.

GREAT BEND

5. Miller, Cy
1400 18th St.
GL 3-4389
6. Scheufler Supply Co.
1516 Kansas
GL 3-4321

HIAWATHA

7. Wilde Tool Co.

HUTCHINSON

8. Kopper Supply Co.
112 E. Sherman
9. Lemmon Co., Henry B.
8321 E. Fourth
10. Wesco Industrial Supply Co., Inc.
900 S. Main St.
MO 5-8581

IOLA

11. Russell Sales Co., H. E.
Phone: NO 64

KANSAS CITY

12. Canfield Foundry Supplies & Equipment
1721 Minnesota Ave.
13. Drexel, Inc.
612 State Ave. (1)
DR 1-4430

14. Filtrabon Co.
1625 Grand Ave. (8)
BA 1-9373
15. Haman Machine & Supply, Inc.
1823 Walnut St.
16. Inter-State Oil Co., Inc.
87 Shawnee Ave. (19)
DR 1-3470
17. Jones & Laughlin Steel Corp.
Funston and Chrysler Rds. (15)
FA 1-1212
18. Mercer, Richard D.
1607 Everett St. (2)
MA 1-5405
19. Nail, Frank A.
602 Minnesota Ave. (1)
DR 1-1580
20. Noelling Steel Sales Corp.
1517 Cherry St. (8)
BA 1-0134
21. Oakley, E. R. (Ray)
3158 Coronado Rd. (4)
22. Reichhold Chemicals, Inc.
3150 Fiberglass Rd. (15)
MA 1-4900
23. Rivard Sales Co.
2540 W. 47th St. (3)
TA 2-8853
24. Schone & Johnson Machinery Co.
1117 Kansas Ave.
DR 2567
25. Sherman Co., Charles G.
2524 W. 51st St. Ter.
SK 1-0759
26. Sonken-Galamba Corp.
64-108 N. Second St.
27. Sterling Electric Motors, Inc.
4306 Cambridge Ave. (3)
JO 2-7352
28. Swan Engineering & Supply
3251 Fairfax Rd. (15)
29. U. S. Electrical Motors, Inc.
905 N. Seventh St.
MA 1-6871
30. Ziegler Co., Herbert F.
4306 Cambridge St. (3)
JO 2-7332

MERRIAM

31. Tott, E. H.
8601 W. 68th Ter.
HE 2-3769

MISSION

32. Clements, W. T.
5325 Walmer St.
FI 2-6644
33. Inland Associates
6047 Howe Dr.
EN 2-2366
34. Mantell, Willard
4715 W. 61st Ter.
RA 2-2753
35. Moore, Kemper S.
5537 Broadmoor
36. Precision Rubber Products Corp.
P. O. Box 1043
RA 2-0499
37. Sparks, Charles L.
4718 W. 65th St.
HE 2-1464
38. Turner & Associates, David H.
5420 Johnson Dr.
RA 2-2444

OVERLAND PARK

39. Brent, Clarence H.
6617 W. 77th Ter.
NI 2-4188
40. Crane Packing Co.
8536 Woodson Dr.
NI 8-2612

SALES OFFICES

KANSAS

OVERLAND PARK (cont.)

41. Cullins, R. B.
7318 Hardy
HE 6051
42. Fameo Machine Co.
7914 W. 77th St.
NI 5445
43. Gilbert, F. M.
7919 Shawnee Dr.
NI 2-6188
44. Locke, Buford
8806 Eby Dr.
NI 2-6188
45. Ricketson, J. J.
7914 W. 77th St.
NI 2-5445
46. Viking Pump Co.
7113 W. 79th St.
NI 2-6923

PITTSBURG

47. General Machinery & Supply
202 N. Broadway

PRAIRIE VILLAGE

48. Benson Engineering Co.
2902 W. 72nd Ter. (15)
EN 2-2843
49. Detrich, K. R.
7923 Juniper
NI 2-7759
50. Phelan, Joseph O.
5025 W. 73rd St. (15)
HE 2-8336
51. Walker, Harry R.
P. O. Box 9211 (15)
EN 2-0922

SALINA

55. Lee Hardware Co.
250 N. Santa Fe St.

SHAWNEE

52. Hirt, Matt P.
11009 Johnson Dr.
RA 2-3131

TOPEKA

53. Jayhawk Welding Supply Co.
219 Kansas Ave.
Phone: 4-3078
54. Roach Machinery & Supply Co.
822 Kansas Ave.

WICHITA

56. Ace Fork Truck Co.
616 N. Main (5)
AM 5-9651
57. Air Reduction Sales Co.
602 E. 29th St.
TE 8-4281
58. Allen, Don
1851 S. Parkwood La.
MU 3-6713
59. Allen Welding Equipment, Inc.
1129-31 N. Mosley (1)
HO 4-6376
60. Allis-Chalmers Mfg. Co.
114 S. Main St. (2)
FO 3-9762
61. Allis Co., The Louis
1106 W. 31st South (13)
LY 1-2620
62. Aluminum Company of America
1011 Central Bldg. (2)
AM 5-4675
63. Associated Industries, Inc.
455 S. Washington (2)
HO 4-0391
64. Baker Engineering & Equipment Co.
305 Pattle Ave. (7)
FO 3-4246
65. Baker, Lewis
1831 Drollinger Rd.
Phone: 64-1404

66. Bauer Co., Ray F.
434 N. Rock Island (2)
HO 4-0364
67. BRC Bearings Co., Inc.
816 E. Central
P. O. Box 1200
68. Benson Engineering Co.
519 S. Broadway
AM 2-6971
69. Bewal, Inc.
409 W. Douglas
HO 4-1085
- 69A. Borden, Kenneth
Branding Iron Motel
6601 US Hwy., 54 West (15)
70. Bridgeport Brass Co.
3002 Sennett (16)
71. Bublitz Machinery Co.
3503 W. Harry St.
WH 2-9374
72. C & H Supply Co.
1725 E. 2nd St.
73. Carrier Corp.
221 S. Broadway (2)
74. Cummings & Co.
115 E. Lewis St. (2)
HO 4-2379
75. D & O Engineering Co., Inc.
1610 E. Harry St.
P. O. Box 3107
AM 2-3052
76. DeWitt Co., Vic
911 E. 3rd St. (2)
HO 4-2425
77. Dorow Machine Tools
311 S. Pattle (7)
HO 7-8304
78. Ellfeldt Machinery & Supply Co.
312 Laura St. (7)
AM 7-8773
79. English Brothers Machinery Co.
809 Central Bldg. (2)
AM 7-1611
80. Ernst-Eichman Machinery Co.
323 W. Murdock St. (5)
HO 4-6811
81. Gardner-Denver Co.
Room 1004, Central Bldg.
AM 2-5341
82. General Controls Co.
1335 N. Main (5)
AM 7-2843
83. General Electric Co.
200 E. First St. (2)
AM 7-4263
84. Gwinn Craft Supplies, Inc.
142-44 N. Market (2)
85. H-H Tool & Supply Co.
317 S. St. Francis (2)
AM 2-4485
86. Haman Machinery & Supply, Inc.
401-4th National Bank Bldg.
AM 5-3753
87. Henry Co., The
P. O. Box 3021
6405 E. Kellogg
MU 4-1241
88. Hub Tool & Supply
105 W. Third (2)
AM 5-5068
89. Huck Manufacturing Co.
9827 Hardtner Ave. (12)
AM 2-1454
90. Industrial Steel & Supply Co., Inc.
622 E. Third St. (1)
P. O. Box 1322
AM 5-8686
91. Jack & Heintz, Inc.
1922 E. Pawnee
92. Johnson Brothers Auto Supply Co.
117-123 S. St. Francis Ave.
93. L. D. Supply Co.
436 Maple St. (12)
AM 5-9692
94. Lampton Welding Supply Co.
601 N. Washington
95. Lincoln Electric Co., The
3201 N. Mead St. (2)
TE 5-8971
96. Lind, Don R.
135 N. Terrace Dr. (8)
MU 3-5110

97. Lift Truck Sales & Service, Inc.
1205 N. Mosley
98. Luce Industrial Supply Co.
1629 E. Douglas Ave. (7)
AM 2-6372
99. Lusk Equipment & Supply Co.
133 N. Water St. (2)
100. MacDonald & Co., B. C.
519 S. Broadway (2)
AM 7-9978
101. Mann & Associates, Claude
2514 E. Douglas (7)
MU 2-4579
102. Metal Goods Corp.
2971 S. Madison St. (16)
AM 5-3191
103. Meyer Co., Russell F.
Box 814
FO 3-0211
104. Midwestern Tool & Supply
300 S. Wichita (2)
AM 5-8682
105. Murdock Electric & Supply
860 E. Central
AM 2-2303
106. Neel, Buck
P. O. Box 2195 (3)
HO 4-1935
107. O'Connor, Inc., J. M.
P. O. Box 2253
811 E. Bayley (11)
AM 2-3484
108. O'Connor-Oklahoma Co., Inc.
P. O. Box 2253
811 E. Bayley (11)
AM 2-3484
109. Packaging & Shipping
139 N. Mead St. (2)
AM 5-7946
110. Phillips & Easton Supply Co.
238-244 S. Wichita (2)
HO 4-3317
111. Pittenger & Davis, Inc.
911 E. 3rd St. (2)
112. Pratt & Whitney Co., Inc.
1516 Mentor Ave.
Box 2482, W. Wichita
AM 5-6160
113. Reynolds Metals Co.
800 S. Broadway
AM 7-2235
114. Riekes & Sons, S.
614 W. Main St. (5)
AM 5-9651
115. Rubber Supply, Inc.
719 E. Third
AM 5-3257
116. Service Station Supply Co.
201 Ida Ave. (7)
P. O. Box 1658
117. Southern Supply Co.
819 E. Indianapolis (11)
AM 2-2475
- 117A. Southwestern Scientific Corp.
122 S. St. Francis (2)
118. Standard Products, Inc.
650 E. Gilbert (11)
AM 2-1431
119. Stephens Machinery Co., Robert R.
9830 Par La. (12)
WH 2-3611
120. Sullivan-Mears Co., The
307½ Laura
FO 3-6414
121. Thompson-Hayward Chemical Co.
P. O. Box 2897
727 E. Osle (2)
AM 5-9606
122. Tritchler, W. C.
Commodore Hotel (1)
123. Universal Aviation Supply
926 W. Second St.
124. Watkins, Inc.
711 W. Second (1)
P. O. Box 117
125. Wesco Industrial Supply Co.
1316 W. Douglas (12)
HO 4-4359
126. West Rubber Stamp Co.
P. O. Box 575 (1)

127. White Star Machinery & Supply Co.
301 N. St. Francis St., (2)
HO 4-3321
128. Wichita Aircraft Supply Co.
P. O. Box 3825
HO 4-7311
129. Wichita Pump & Supply Co., Inc.
133-35 N. St. Francis (2)
Phone: 3-0089
130. Wilco, Inc.
228 S. Wichita (2)
AM 5-5640
131. Yungmeyer Hardware Co.
518 E. Douglas
FO 3-0668
132. Zeller Co., Inc.
1738 N. Mosley (1)
133. Zimmerman, Walter
P. O. Box 2571, Hillside Station (8)
MU 3-3161

KENTUCKY

ANCHORAGE

1. A-1 Safety Supply Co.
R. D. 3,
P. O. Box 545
2. Ingersoll-Rand Co.
2102 Challeon Wy.
P. O. Box 488
CH 3-8398

ASHLAND

3. Williamson Co., Ben
1539 Greenup Ave.

BELLEVUE

4. Webster Machinery Co.
914 Clayton Ct.
HE 1-4730

BOWLING GREEN

5. Aero-Industrial Equipment
1224 Indianola St.
6. Detrex Chemical Industries, Inc.
1500 Kenton St.
VI 2-2411

COLD SPRING

7. Champion Tool & Die Co.
247 Muran Rd.
HI 1-4156
8. Fries, Louis E.
Murnan Rd.

COVINGTON

9. Cox Machinery Co.
311 Bakewell St.
10. Regan, P. C.
P. O. Box 481
CO 1-7845

ERLANGER

11. Fisher, Clarence A.
715 Bedinger
12. Kepler, Karl E.
350 Timberlake St.
DI 1-4550

FRANKFORT

13. Industrial Supply Co., Inc.
Leestown Rd.

GEORGETOWN

14. Dixie Industrial Supply, Inc.
222 E. Main St.
Phone: 1410

HARLAN

15. Kentucky Distributing Co.

LEXINGTON

16. Ernest Equipment & Supply Co.
829 National Ave.
17. General Electric Co.
402 First National Bank Bldg.
Phone: 4-7032
18. Kentucky Supply Co.
1964 Delaware Ave.
Phone: 4-3106

19. Robbins, Marion J
299 Lafayette Dr.
Phone: 7-1481

20. Van Deren Hardware Co.
570 W. Main St.
P. O. Box 1210
LE 2-7050

LOUISVILLE

21. Airborne Instruments Lab.
2416 Frankfort Ave. (8)
TW 5-9572
22. Air Reduction Sales Co.
550 S. Fifth St. (2)
JU 4-6193
23. Alemitte Co.
Floyd & Burnett (8)
24. Allied Tools & Supply Co., Inc.
754 Logan St. (4)
JU 4-5836
25. Allis-Chalmers Manufacturing Co.
233 E. Burnett Ave. (8)
ME 7-5478
26. Aluminum Co. of America
1154 Starks Bldg. (2)
JU 7-7456
27. Armco Steel Corp.
508 Starks Bldg. (2)
28. Bade, Fritz A.
St Hill Rd.
HI 4208
29. Baker-Bohnert Rubber Co.
1311 Bernheim La.
ME 4-3661
30. Bearings, Inc.
216 Warnock St. (8)
31. Belknap Hardware & Manufacturing Co.
111 E. Main St. (2)
32. Bellows Co., The
680 S. Fifth St.
JU 2-3090
33. Bilray Organization, The
3615 Brownsboro Rd.
TW 5-6369
34. Bohnert Equipment Co.
104 W. Main St. (2)
JU 4-8465
35. Boxer Machine Co., The
1379 S. 7th St. (8)
MA 7819
36. Bridgeport Brass Co.
4016 Frankfort Ave. (7)
37. Brown, Leo F.
P. O. Box 5166
Cherokee Station
38. Buckman Tool & Supply Co.
3530 Kahler Ave. (15)
ME 7-8939
39. Cardinal Carryor Co., Inc.
930 E. Mason St. (4)
JU 7-0756
40. Clark Service & Supply Co.
110 Cannons La. (6)
SP 8-1676
41. Cleveland Tramrail Louisville Co.
104 W. Main St. (2)
JU 1-1341
42. Coleman & Son, T. C.
Heyburn Bldg. (2)
JU 4-1918
43. Control Products Co., Inc.
P. O. Box 56 (16)
JU 4-4900
44. Craig Co., Inc., R. L.
195 Colony Wy. (7)
TW 6-6464
45. Crane Packing Co.
131 Breckenridge La. (7)
TW 5-8606
46. Dehler Brothers Co., Inc.
1805 S. Brook St. (8)
ME 4-9491
47. De-Qu-Ko, Inc.
212 Eiler Ave. (3)
48. DeSautels Co., George O.
4003 Hycliffe Ave. (7)
TW 3-7550
49. Dixie Bearings, Inc.
215 S. Floyd St.
JU 3-2775

KANSAS

50. Dixie Solvents & Chemicals Co.
Dixie Hwy. at Appleton La. (16)
EM 8-5828
51. Drake, W. B.
2005 Baringer (4)
HI 7378
52. Duddy, T. J.
306 N. 45th St. (12)
SP 8-2363
53. E. & H. Electric Supply Co.
626 S. 12th St. (3)
JU 7-0991
54. Embry Brothers, Inc.
Park Dr., Shively (16)
EM 8-5821
55. Ex-Cell-O Corp.
2311 Bardstown Rd.
GL 2-1012
56. Fairbanks-Morse
2008 S. Brook St. (8)
ME 7-1469
57. Finishing Equipment Co.
719 S. Preston St.
JU 3-7571
58. Fink Equipment Co.
1045 Bardstown Rd. (4)
HI 6222
59. G & L Machinery Supply Co.
1435 S. Shelly St. (17)
MA 1961
60. Gardner-Denver Co.
2003 Crum's Lane-Shively (16)
EM 3-2679
61. General Electric Co.
1216 Starks Bldg. (2)
JU 4-6334
62. General Rubber & Supply
3118 Preston Hwy.
ME 5-2606
63. Gleaves, Sam T.
2206 Wadsworth Ave. (5)
GL 8-2881
64. Grace & Associates, Lynn
366 Francis Bldg.
JU 3-6162
65. Graft-Pelle Co., Inc.
309 W. Main St. (2)
JU 2-2466
66. Halliday Co., Inc., The Alfred
719-721 S. Preston St. (1)
P. O. Box 756
JU 2-2462
67. Hanson-Van Winkle-Munning Co.
366 Francis Bldg. (2)
JU 3-7042
68. Harbord, Hal
425 W. Ormsby (3)
69. Harnischfeger Corp.
429 W. Walnut St. (2)
JU 4-3881
70. Houghton & Co., E. F.
121 Chadwick Rd., Anchorage
TW 5-2598
71. Industrial Equipment Co.
Seventh & Myrtle Sts., (8)
ME 5-5202
72. Jay Instrument & Specialty Co.
3307 Camp Ground Rd. (11)
SP 4-2313
73. Jelco Co.
1015 Bardstown Rd.
HI 0887
74. Jones & Laughlin Steel Corp.
Heyburn Bldg. (2)
JU 5-3107
75. Kenner Co., L. R.
3325 Trinity Rd. (6)
76. Kentucky Ball & Roller Bearing Co.
215 S. Floyd St.
JU 3-2775
77. Kentucky Bearings Service
1524 Algonquin Pkwy. (1)
78. Kregor Co., P. J.
2416 Frankfort Ave. (6)
TW 5-2785
79. Laib Supply Co., Inc.
1819 S. Brook St. (8)

SALES OFFICES

KENTUCKY

LOUISVILLE (cont.)

80. Laise Co., William J.
Shelby St. at Fehr Ave. (1)
JU 7-0771
81. Lewis Industrial Supply Co.
938 S. 5th St. (3)
JU 7-0771
82. Lightfoot, Richard
219 S. Birchwood
TW 3-5969
83. Lincoln Electric Co., The
961 Baxter Ave. (4)
HI 3223
84. Louisville Machinery Sales
212 Eiler Ave. (14)
EM 6-1438
85. Louisville Mill Supply Co.
520 S. 15th St. (3)
JU 3-3875
86. Maceo Products Co., The
2725 Brownsboro, Apt. 4
TW 5-9109
87. Marcus Paint Co., Edw. H.
(2)
88. Marrick Co., Inc., The
1152 Bardstown Rd. (4)
89. Marschke & Sons, Inc., W. A.
3311 S. 7th St., Rd.
90. McCune, N. C.
2327 Manchester Rd. (5)
GL 8-1736
91. Michigan Abrasive Co.
3924 Warner Ave. (7)
TW 5-4050
92. Mill & Industrial Supply Co.
1012 E. Main St. (6)
JU 7-8801
93. Miller Engineering Co.
1463 S. Brook St. (8)
ME 5-6337
94. Milne & Co., Inc., A.
51 Hill Rd.
HI 4208
95. Moldovan, Harry L.
4505 Lowe Rd. (5)
HI 4208
GL 8-8387
96. Moore Products Co.
131 Breckenridge La. (7)
TW 5-9073
97. National Refining Co.
906 Dumesnil St.
ME 5-5236
98. Neill-LaVielle Supply Co.
2211 S. Brook St. (8)
ME 7-5461
99. Oakite Products, Inc.
4th and Broadway (2)
JU 7-1321
100. Oglesby Supply Co.
432 E. Broadway (2)
101. Orr Safety Equipment Co.
300 E. Main St. (2)
102. Palfreeman, R. A.
1191 E. Broadway (13)
CL 8845
103. Peter & Co.
3618 Lexington Ave., Box 12 (7)
St. Matthews Station
104. Plant Equipment Co.
Box 101 (9)
EM 3-2671
105. Reichhold Chemicals, Inc.
317 Wallace Ave. (7)
TW 5-3353
106. Reynolds Metals Co.
General Sales Office (1)
ME 4-1511
107. Richard Equipment Co.
633 S. Fifth St.
JU 3-9736
108. Rietze & Co.
2209 S. Floyd St. (17)
ME 7-3603
109. Schenk Tool Agency
1119 Lehigh Ave. (15)
EM 3-2947

110. Schmitt Co., Robert L.
306 E. Main St. (2)
JU 7-0732
111. Scott Industrial Equipment Co.
660 S. Fifth St. (2)
JU 3-2238
112. Sheppard, Robert T.
2311 Bardstown Rd.
GL 2-1012
113. Sherman Brothers Mill Supply, Inc.
745 E. Jefferson St. (2)
114. Sinclair Refining Co.
227 W. Main St. (2)
115. Skonberg, E. A.
719 S. Preston St., (1)
JU 3-7571
116. Snap-On Tools Corp.
1609 Eastern Pkwy. (4)
HI 6317
117. Standard Die Supply of Kentucky,
Inc.
2107 S. Floyd St. (17)
ME 5-6358
118. Sun Oil Co.
304 W. Liberty St. (2)
SP 6-4681
119. Swart, Henry S.
3115 McMahan Blvd. (18)
GL 1-1476
120. Swayze, Paul A.
366 Francis Bldg.
JU 3-2324
121. Syntrol Cincinnati Sales Co.
2416 Frankfort Ave. (6)
TW 6-9616
122. Tri-State Welding Supply Co.
1123 Dumesnil St.
123. Truecast
1379 S. Seventh St. (8)
ME 5-5811
124. Vascology-Ramet Corp.
219 S. Birchwood Ave.
TW 3-5960
125. Webb Co., Jervis B.
4418 Poplar Level Rd. (13)
GL 2-2661
126. Weber Co., Charles
536 Eastern Pkwy. (17)
ME 7-2574
127. Wilhelm Tool Agency
1551 Bardstown Rd. (5)
HI 4554
128. Williams & Co., Inc.
1109 S. Preston St. (3)
JU 3-7781
129. Wood Co., Henry M.
P. O. Box 5167
Cherokee Station (5)
GL 4-5840

LUDLOW

100. Riggs Engineering
P. O. Box 133
HE 1-5362

LYNDON

131. Hunter Spring Co.
1319 Mark Trail
TW 5-0325
132. Nelson, W. A.
P. O. Box 65
CH 5-8500

MADISONVILLE

133. Bearings Service Co., Inc.
57 W. Center St.
TA 1-6578

MIDDLETOWN

134. Ellis Industrial Sales Co.
P. O. Box 61
CH 5-5918

MIDDLESBORO

135. Rogan & Rogan

MURRAY

136. All-State Welding Alloys Co., Inc.
Route 2
MU 1702

OWENSBORO

137. Tri State Supply Co.
1701 Triplett St.
MU 4-2313

PADUCAH

138. Ohio Valley Supply Co.
9th Harrison
P. O. Box 1120
Phone: 3-3606
139. Paducah Marine Supply & Services,
Inc.
P. O. Box 771
Phone: 2-8244
140. Petter Supply Co., Henry A.
101-123 S. 1st St.
Phone: 3-2441

PRESTONSBURG

141. May Co., R. V.
S. Lake Dr.
U. S. Route 23
Phone: 2347

SOUTH FORK MITCHELL

142. Strother, Frank
2323 Dixie Hwy.
ED 1-2615

SOUTH HILL

143. New York & New Jersey Lubricant
Co.
1503 Henry Clay Ave.
HE 1-3396

LOUISIANA

ALEXANDRIA

1. American Mill Supply
2303 Mill St.
2. Brown-Roberts Hardware & Supply
Co., Ltd.
1810 Third St.
Phone: 3-7281
3. General Electric Co.
720 Murray St.
Phone: 2-7093
4. Harwell, Morris E.
P. O. Box 335
Phone: 3-2883
5. Reproduction Supply Agency
1724 Elliott St.
Phone: 3-8496

BATON ROUGE

6. Adams & Co., L. B.
530 N. 49th St.
DI 4-0363
7. Airetool Manufacturing Co., The
433 Bellewood Dr. (6)
WA 1-0573
8. Bridgeport Brass Co.
6453 Choctaw Dr. (5)
9. Crane Packing Co.
9382 W. Pomona
WA 1-8214
10. Dixie Bearings, Inc.
733 N. 21st St.
Phone: 3-9924
11. Eggehof Engineers, Inc.
5131 Government St. (6)
12. Esso Standard Oil Co.
Scenic Hwy.
13. Evans Co., Arch
1815 Glendale
DI 3-2704
14. General Electric Co.
3170 Florida Blvd.
DI 3-7561
15. Gulf Supply Co.
Box 2446
16. Huey Co., William S.
9024 King Crest Pkwy.
DI 2-5532
17. Hughes Co., Stanley
Box 1932
EL 7-6028
18. Industrial Air Products of the South
2162 N. Fourth St.

LOUISIANA

19. Industrial Hardware & Supplies, Inc.
1724 Choctaw Rd. (2)
P. O. Box 2351
 20. J & D Engineering Sales
P. O. Box 14683, South East Sta.
DI 4-4491
 21. Leeds & Northrup Co.
10976 Black Oak Dr.
DI 3-4065
 22. Livingston Supply Co., Inc.
1449 Florida
P. O. Drawer 2670
 23. Liquid Carbonic Div.
DI 3-4806
 24. Louisiana Bearing, Inc.
2864 Weller St.
 25. Louisiana Welding Supply Co.
1931 Plank Rd.
 26. Metal Goods Corp.
509 N. Acadian Thruway (6)
DI 8-5761
 27. Moody-Price, Inc.
2105 Plank Rd.
P. O. Box 4587
EL 7-6416
 28. Murray-Brooks, Inc.
1015 Pittsburgh St.
P. O. Box 567
DT 4-4311
 29. Southern Utility Supply Co., Inc.
Box 3071, Istrouma Sta.
 30. Van Horn Co., Inc., Oliver H.
6301 Choctaw Dr.
P. O. Box 108, N. Baton Rouge
EL 6-1357
- BURAS**
31. Gulf Welding Equipment Co.
- CHALMETTE**
32. Orgeron, Edwin J.
82 W. Claiborne Sq.
ED 1-4095
- COVINGTON**
33. Sosebee, J. B.
Military Rd., Box 145
- HARAHAN**
34. Dixie Mill Supply Co.
335 Halsey Dr.
Phone: 21-4-5313
 35. Miller Electric Manufacturing Co., Inc.
841 Miradon Ave.
Phone: 71-3073
- HARVEY**
36. Del-Gulf Supply Co.
P. O. Box 484
 37. Industrial Welding Supply Co.
P. O. Box 292
- HOUMA**
38. Gulf Welding Equipment Co.
1701 Barrow
 39. Liquid Carbonic Div.
1616 Barrow St.
UP 2-9108
- LAKE CHARLES**
40. Behring's Bearing Service of
Louisiana, Inc.
915 Third St.
 41. Big Three Welding Equipment Co.
Box 1592
 42. General Electric Co.
422 Seventh St.
HE 3-3116
 43. Murray-Brooks, Inc.
900 Mt. Hope St.
P. O. Box 855
HE 3-3651
- METAIRIE**
44. Dixie Mill Supply Co.
16 Oaklawn Dr.
VE 5-7705
45. Emerson Co., A. A.
2712 Green Acres Rd.
VE 5-1695
 46. Fafnir Bearing Co., The
3716 Blasonet
 47. Huck Manufacturing Co.
P. O. Box 9231
MA 1439
 48. Industry Services, Inc.
3714 Airline Hwy.
P. O. Box 366
VE 5-2683
 49. Roussel, Leo L.
P. O. Box 9067
CA 0702
 50. Sherman, Del
3720 Tartan Dr.
VE 5-2282
 51. Snap-on Tools Corp.
2319 Metairie Rd.
P. O. Box 486
VE 5-3188
 52. Southern Lubricant Co.
716 Harang Ave.
VE 5-1962
 53. Willey, Harley M.
1304 Haring Rd.
VE 5-8791
- MONROE**
54. Monroe Bearing & Supply Co.
406 Olive St.
 55. Murco, Inc.
409-419 Walnut St.
P. O. Box 505
FA 3-9691
 56. Southern Hardware Co.
108 Walnut St.
 57. Weaks Supply Co., Ltd.
200 N. Fourth St.
P. O. Box 1572
FA 3-8831
- MORGAN CITY**
58. Liquid Carbonic Div.
Hwy. 90 East
Phone: 4175
 59. Welders Supply Co.
P. O. Box 781
- NEW IBERIA**
60. Iberia Supply, Inc.
P. O. Box 976
EM 4-4104
 61. Murray-Brooks, Inc.
St. Martinville Rd.
P. O. Box 501
EM 9-6751
 62. Voorhies Supply Co.
418½ W. Washington St.
EM 4-2431
 63. Welders Supply Co.
1860 E. Main St.
Phone: 685
- NEW ORLEANS**
64. Acme Steel Co.
850 St. Charles Ave. (12)
JA 2-0886
 65. Acme Welding Supply Co.
926 Tchoupitoulas St.
JA 2-5111
 66. Airborne Instruments Lab.
833 Howard Ave. (12)
MA 5856
 67. Air Reduction Sales Co.
1406 S. Rendon St.
 68. Ajax Machine Works
3133 Tchoupitoulas St.
UN 6-0230
 69. Alemite Co.
821 St. Charles St. (13)
 70. Allis-Chalmers Manufacturing Co.
210 Baronne St. (12)
JA 8623
 71. Allis Co., The Louis
330 S. Miro St. (19)
EX 2282
 72. Aloe Co., A. S.
1425 Tulane Ave.
 73. Aluminum Co. of America
627 Whitney Bldg. (12)
CA 3372
 74. Anderson Co., R. P.
201 Board of Trade Annex
 75. Baldwin & Son, Lawrence J.
306 Carondelet Bldg. (12)
 76. Barnes Co., Robert M.
725 Hibernia Bank Bldg. (12)
MA 0659
 77. Barron, O. E.
621 Commercial Pl.
JA 2-3101
 78. Bellows Co., The
4016 Eden St.
UN 6-3688
 79. Betz Engineering Sales Co.
P. O. Box 5197
TW 5-8691
 - 79A. Blackman, Jr., J. T.
3436 Chestnut St.
 80. Caraway, Hugh E.
3621 Monroe St.
 81. Carrier Corp.
2475 Canal St. (19)
JA 5-8294
 82. Chartres Supply Co.
2121 Chartres St. (16)
WH 9-2713
 83. Chase Brass & Copper Co.
1000 S. Jefferson Davis Pkwy. (25)
P. O. Box 13278
 84. Chatry Co., M. P.
323 N. Diamond St. (1)
 85. Chicago Pneumatic Tool Co.
3303 Tulane
GA 5715
 86. Church-Dailing Co.
321-322 Carondelet Bldg. (12)
JA 5-5612
 87. Church Sales Co., Walter J.
404 Carondelet Bldg. (12)
JA 5-5612
 88. Cleveland Trammell New Orleans Co.
P. O. Box 238 (3)
 89. Clingman, C. R.
306 Pere Marquette Bldg.
MA 6316
 90. Coate Equipment Co., Inc.
1519 Tchoupitoulas St. (13)
 91. Corrigan, Jr., Charles E.
1210 St. Charles Ave. (12)
JA 5-5644
 92. Crane & Associates, J. Fred
803 Maison Blanche Bldg. (16)
MA 7421
 93. Creole Engineering Co.
130 Harrison Ave. (24)
AM 3294
 94. Crescent Blue Print Co.
728 Gravier St. (12)
TU 7703
 95. Curtin & Co., W. H.
P. O. Box 1491 (13)
 96. Devlin Bros.
1003 Maritime Bldg. (12)
RA 7984
 97. Dietzgen Co., Eugene
318 Camp St. (12)
JA 5-7121
 98. Dillon, Patrick H.
524 Howard Ave. (12)
RA 1214
 99. Dixie Bearings, Inc.
401 Howard Ave.
RA 7351
 100. Dixie Mill Supply Co., Inc.
901 Tchoupitoulas St. (6)
P. O. Box 5
JA 5-6101
 101. Doussan Tool & Supply Co.
1100-02 Tchoupitoulas St.
P. O. Box 1288 (13)
EX 2401
 102. Dow Chemical Co., The
1100 Commerce Bldg. (12)
TU 0206

SALES OFFICES

LOUISIANA

NEW ORLEANS (cont.)

103. Edwards Engineering Corp.
715 Camp St. (12)
TU 9173
104. Eggelhof Engineers, Inc.
4524 Thalia St. (25)
P. O. Box 13186
UN 6-4548
105. Equitable Equipment Co.
410 Camp St. (12)
RA 9744
106. Erichson, F. M.
5705 St. Roch Ave. (22)
FA 2454
107. Esso Standard Oil Co.
1009 St. Charles Ave. (13)
108. Exact Weight Scale Co., The
4037 Palmyra St. (19)
AM 2672
109. Factory Sales & Engineering, Inc.
1040 St. Charles Ave. (12)
JA 2-9151
110. Fairbanks, Morse & Co.
1000 St. Charles Ave. (13)
TU 4623
111. Fletcher Equipment & Supply Co.
743 Camp St.
RA 4161
112. Frederic & Baker
725 National Bank Commerce Bldg.
(12)
JA 5-7422
113. Gardner-Denver Co.
7725 Edinburg St.
AM 3756
114. General Controls Co.
348 Baronne St.
TU 8247
115. General Electric Co.
837 Gravier St. (12)
TU 7231
116. General Mill Supplies, Inc.
1049 Annunciation St. (13)
JA 2-0404
117. Glidden Engineering & Equipment Co.
221 Diane Ave. (23)
P. O. Box 4063
KE (21)-70641
118. Gregory-Salisbury Co.
820 Julia St. (12)
WA 1-9541
119. Grush, Robert J.
3709 S. Carrollton Ave. (18)
AM 1386
120. Gulf Belting & Gasket
1818 Carondelet St.
CA 9613
121. Gulf Oil Corp.
127 Elk Pl. (1)
P. O. Box 400
TU 4292
122. Gulf Welding Equipment Co.
3033 Tchoupitoulas St. (15)
TW 5-2033
123. Haas, Jr., Edgar J.
P. O. Box 637 (7)
VE 3-9475
124. Halliday Co., Inc., The Alfred
318 22nd St. (24)
GA 4201
125. Harold Rubber Co., C. V.
115 Chartres St.
JA 2-5171
126. Harris Co., Allan J.
400 Balter Bldg. (12)
TU 0126
127. Huey Co., William S.
205 Board of Trade Annex (12)
TU 0409
128. Hughes, Jr., W. L.
411 Marine Bldg. (12)
RA 0670
129. Hunt Sales Co., Carl N.
6068 Chef Menieur Hwy.
130. Hyster Sales & Service
227 N. Diamond St.
P. O. Box 759
TU 8691
131. Industrial Air Products of the South
907 S. Peters Ave.
132. Industrial Bearings, Inc.
1423 Annunciation St. (13)
133. Industrial Machinery, Inc.
501 Cortez St. (19)
GA 4122
134. Industrial Models, Inc.
P. O. Box 12115 (42)
135. Industrial Truck & Caster Co., Inc.
7838 Earhart Blvd.
P. O. Box 929
136. Industry Services, Inc.
3714 Airline Hwy.
VE 5-2683
137. Ingersoll-Rand Co.
960 S. Genois St. (25)
AU 0885
138. Johnston Co., F. L.
829 Howard Ave. (12)
TU 1792
139. Jones & Laughlin Steel Corp.
Delta Bldg. (12)
JA 5-9112
140. Jones-Philibert & Co.
358 Saure Rd. (23)
KE 4-6471
141. Keller, W. J.
415 Natchez St. (12)
142. Kitco Co.
344 Tudor Ave. (23)
KE 4-3113
143. Linde Co.
4833 Conti St. (19)
AU 1252
144. Liquid Carbonic Div.
907 S. Peters St. (12)
TU 7591
145. Lockett & Co., Ltd., A. M.
306 Whitney Bldg. (7)
P. O. Box 561
146. Maguire Co., J. P.
3144 Paris Ave. (19)
EV 2392
147. McLellan Equipment Co.
2375 Tchoupitoulas St. (13)
TU 3415-6
148. Metal Goods Corp.
432 Julia St. (9)
P. O. Box 286
JA 2-7373
149. Mid-South Sales Co.
P. O. Box 13032 (25)
TU 4683
150. Moore Co., Earl K.
5864 Louisville St. (24)
AU 2407
151. Moore Products Co.
3629 S. Carrollton Ave. (18)
AM 1771
152. Mueller Brass Co.
504 Delta Bldg. (12)
EX 1-866
153. Murray Supply Co., Edgar
232 Canal St. (6)
TU 0481
154. Newlin & Associates, R. E.
2307 Octavia St. (15)
UN 6-6701
155. Odendahl, P. E.
340 S. Diamond St. (12)
CA 8724
156. Olympic Power Application Co.
429 Baronne St.
JA 2-9371
157. Patterson, Inc. C. T.
800 S. Peters St. (7)
RA 4211
158. Pneumatic Devices Co.
P. O. Drawer 1000
159. Power-Strut Southern Service Co.
820 Julia St.
TU 5207
160. Reed, Inc., Lyman C.
501 N. St. Patrick St.
GA 3106
161. Reichhold Chemicals, Inc.
235 International Trade Mart (12)
JA 5-6695
162. Reliance Electric & Engineering Co.
332 S. Diamond St. (13)
JA 5-1728
163. Revere Copper & Brass, Inc.
923 Howard Ave. (12)
164. Reynick Co., The
4018 Thalia St. (25)
JA 5-1139
165. Reynolds Metals Co.
2400 Canal St. (25)
TU 5482
166. Richard & Holmes Machinery Co.
1124 S. Liberty St. (13)
JA 5-7281
167. Rittiner Equipment Co.
600 Tchoupitoulas St. (12)
168. Rivera, M. Morin
1300 N. Broad St. (19)
GA 1161
169. Robbins & Robbins
1037 Magazine St. (13)
JA 2-5865
170. Roberts Sales Co., William P.
2535 Franklin Ave. (17)
WH 7-2537
171. Ro-Co Equipment
3709 S. Carrollton Ave. (12)
172. Ryan, A. R.
5439 Eads St.
FA 2125
173. Service Supply & Engineering Co.
1048 Constance St. (13)
CA 8854
174. Shell Oil Co.
925 Common St. (12)
P. O. Box 673 (Zone 7)
EX 1331
175. Sintex Sales Engineers
332 S. Diamond St. (12)
CA 2882
176. Skil Corp.
3501 Tchoupitoulas St. (15)
TW 9-6300
177. Solar Supply Co., Inc.
2140 S. Derbigny St. (26)
EX 3277
178. Southeast Distributors, Inc.
3914 Howard Ave.
179. Southern Industrial Sales Co.
631 Elysian Fields Ave.
180. Southern Mill Supplies
3258 Chippewa St. (25)
P. O. Box 13101
TW 5-0361
- 180A. Southern Saw Repair Co.
709 Fourth St. (13)
181. Southern Specialty Sales Co.
617 N. Broad Ave. (19)
182. Standard Brass & Manufacturing Co.
4701 Palmetto St.
P. O. Box 746
AU 1381
183. Standard Supply & Hardware Co., Inc.
822 Tchoupitoulas St. (7)
JA 2-6641
184. Stauss & Haas, Inc.
524 Camp St.
RA 4301
185. Syntrol New Orleans Sales Co.
4417 Earhart Blvd. (25)
GA 3782
186. Texas Co., The
1501 Canal St. (16)
TU 8511
187. Thompson-Hayward Chemical Co.
7700 Earhart Blvd. (18)
P. O. Box 4068, Station F.
UN 6-8686
188. Titherington, R. G.
900 Carondelet St. (12)
CA 6287
189. Tricon Co., R. J.
757-53 Tchoupitoulas St. (13)
JA 5-5228
190. Troclair, W. J.
4653 Spain St. (22)
191. U. S. Electrical Motors, Inc.
5632 Canal Blvd. (24)
JA 2-2625

SALES OFFICES

LOUISIANA

LEWISTON

15. Calahan Bros.
24 Franklin St.
LE 4-5897
16. Lewiston Welding Co.
44 Hammond St.
17. Thompson Co., Carman
12-14 Lincoln St.

MECHANIC FALLS

18. Penney & Sons, Inc., J. W.

OLD ORCHARD BEACH

19. Peckham, Charles D.
75 Temple Ave.

OGUNQUIT

20. All-State Welding Alloys Co., Inc.
P. O. Box 185
WE 280-J

PORTLAND

21. Blake & Co., W. L.
79-85 Commercial St.
SP 3-6426
22. Corey & Co., E.
65 W. Commercial St. (1)
23. Crosby & Siegars, Inc.
P. O. Box 654
24. Dyer, Loren
320 Commercial St.
SP 3-4741
25. Edwards & Walker Co.
Monument Sq. (3)
SP 3-8181
26. Harris Co., The
188 Commercial St. (6)
P. O. Box 446
SP 4-1401
27. Hazelton Co., R. C.
P. O. Box 758
28. Leach, Norman
5 Pine View Rd., Falmouth
SP 2-7537
29. Portland Welding Supply
527 Danforth St.
30. Sun Oil Co.,
93 Kensington St. (3)
SP 3-6467

ROCKLAND

31. Bicknell, W. K. & D. P.
Lime St.
Phone: 1730

SEARSPORT

32. Johnson, Alton
Leach St.
KI 2-2481

SOUTH PORTLAND

33. Esso Standard Oil Co.
1 Lincoln St. (1)
34. James-Wiltsie Co.
100 Maine St. (3)
SP 2-3621
35. Wallgren, A. E.
P. O. Box 2191
SP 3-1266

WESTBROOK

36. Stultz Electric Works
25 Bridge St.
UL 4-2501

MARYLAND

ADELPHI

1. Davis Co., R. G.
3313 Powder Mill Rd.
WE 5-5282

ANNAPOLIS

2. Fafnir Bearing Co., The
Hillmeare Shores
EN 9-6300

192. Van Horn Co., Inc., Oliver H.
1742 St. Charles Ave. (1)
JA 2-8631
193. Wand Rubber Stamp Works
740 Union St. (12)
194. Warriner, D. A.
7620 Zimble St.
UN 1-4571
195. Welding & Manufacturing Co.
1040 S. Peters St. (9)
196. Westinghouse Electric Supply Co.
2538 Poydras St.
TU 5411
197. Weston, Clem W.
1124 Burgundy St. (16)
MA 6228
198. Woodward, Wight & Co.
451 Howard Ave.
TU 2471
199. Wurzburg Brothers, Inc.
1201 S. Front St. (19)
P. O. Box 7394
RA 1343

SHREVEPORT

200. Airborne Instruments Lab.
1020 Creswell St.
SH 4-6842
201. Air Reduction Sales Co.
6031 St. Vincent Ave.
P. O. Box 6608
Phone: 7-5361
202. Allis-Chalmers Manufacturing Co.
624 Travis St. (23)
Phone: 2-3274
203. Amstan Supply Div.
2307 Texas Ave.
Phone: 4-1401
204. Bearing & Transmission Co.
214 N. Market St.
P. O. Box 667
205. Burns, Troy
626 Ricou
206. Butler & Land
1845 Line Ave.
Phone: 2-0697
207. Cherry Co., J. W.
151 Olive St.
208. Clark Controller Co., The
1845 Line Ave.
Phone: 2-0697
209. Coastal Plains Supply Co.
220 Recou St.
210. Colossus Midland Belting & Supply Co.
213 Airport Dr.
211. Crane Co.
1320 Winston St. (92)
Phone: 3-4231
212. Eggelhof Engineers, Inc.
753 Gladstone St.
Phone: 8-2451
213. Esso Standard Oil Co.
2127 Texas Ave.
214. Frederic & Baker
100 Edwards St.
P. O. Box 1282
Phone: 5-7455
215. General Electric Co.
206 Beck Bldg.
Phone: 3-8554
216. Grisley, J. M.
334 W. 17th, South
217. Harris-Frederick & Co., Inc.
100 Edwards St.
P. O. Box 1282
Phone: 5-7455
218. Industrial Truck & Caster Co., Inc.
923 Charlotte St.
219. Lincoln Electric Co.
Box 3327, Queensborough Station
Phone: 4-5651
220. Peerless Supply Co., Inc.
701 Spring St. (93)
P. O. Box 36
Phone: 4-1451
221. Pelican Supply Co., Inc.
901 McNeil (84)
P. O. Box 1108
Phone: 2-3255

222. Petro Chemical Equipment Co.
P. O. Box 6163
223. Red Ball Battery & Supply
914 Dixie Overland Blvd.
224. Richards Machinery & Supply Co.
200 Edwards St. (98)
P. O. Box 1482
Phone: 2-0331
225. Reynolds Metals Co.
334 Ricou Brewster Bldg.
Phone: 3-6801
226. Simonds Abrasive Co.
Hawn Ave. and Simonds Dr.
Phone: 3-8685
227. Somner Co., Inc., The W. L.
419 Lake St.
P. O. Box 82
228. Standard Brass & Manufacturing Co.
2125 McClellan
P. O. Box 3626
Phone: 2-9483
229. Stout, Inc., Curtis H.
334 Ricou-Brewster Bldg.
Phone: 5-5485
230. Thompson-Hayward Chemical Co.
219 Beech St.
Phone: 3-4992
231. Van Horn Co., Inc., Oliver H.
228 Spring St.
P. O. Box 1654
Phone: 2-2173
232. Weston, Walker
494 Ockley Dr.
Phone: 2-4212
233. Weeks Supply Co., Ltd.
1611 Texas Ave.
P. O. Box 464
Phone: 3-8436

THIBODAUX

234. Sintex Sales Engineers
106 Spruce St.
Phone: 7581

MAINE

AUBURN

1. Matthews Machinery Co., W. D.
279 Center St.
2. Tek Bearing Co., Inc.
138 Center St.
LE 4-5446

AUGUSTA

3. Allis-Chalmers Manufacturing Co.
269½ Water St.
MA 2-4769
4. Burke, Arthur F.
8 Manley St.
MA 2-1244
5. Fort Western Fire Co.
5 Bowmax Ave.
6. General Electric Co.
152 State St.
MA 2-0201

BANCOR

7. Bangor Auto Supply
8. Bragg & Sons, N. H.
74 Broad St.
Phone: 7311
9. Dunning & Co., R. B.
P. O. Box 933
54 Broad St.
BA 6461
10. General Electric Co.
77 Central St.
Phone: 4144
11. Johnson, C. B.
Box 671
12. Reliance Electric & Engineering Co.
44 Central St.
13. Tek Bearing Co., Inc.
669 Hammond St.
Phone: 2-4813

BREWER

14. Leen Co., Stanley J.
54 Wilson St.
Phone: 9416

SALES OFFICES

MARYLAND

BALTIMORE

2. Addison, Clarke & Brother
Howard and Cross Sts. (3)
PL 2-4964
4. Air Reduction Sales Co.
501 N. Montfort Ave. (5)
5. Airborne Instruments Laboratory
2319 Maryland Ave. (18)
HO 7-9061
6. Akers, David
Mathieson Bldg.
LE 9-3044
7. Alemite Co.
2725 Sison St. (11)
8. Allied Research Products, Inc.
4004 E. Monument St. (5)
PE 2-9070
9. Allis-Chalmers Manufacturing Co.
1115 E. 30th St. (18)
HO 7-4480
10. Aluminum Co. of America
Commercial Credit Bldg. (3)
MU 5-3660
11. Alverson Engineering Sales Co.
1623 Mathieson Bldg. (2)
MU 5-8291
12. American Smelting & Refining Co.
Highland & Eastbourne Aves. (24)
OR 5-2400
13. American Tool Co.
1723 Maryland Ave. (1)
MU 5-1150
14. Anderson & Ireland Co.
111 Light St. (3)
LE 9-6390
15. Arcway Equipment Co.
920 E. Fort Ave. (30)
- 15A. Armco Steel Corp.
3400 E. Chase St. (13)
16. Aro Equipment Corp.
726 Overbrook Rd. (12)
DR 7-6944
17. B-R Engineering Co.
32 E. 21st St. (18)
18. Baker, Wm. L.
3807 Woodcrest Ave. (15)
FO 7-6740
19. Baltimore Oxygen Supply Co.
1611 Guilford Ave.
20. Barry, John J.
501 Keyser Bldg. (2)
SA 7-4451
21. Barry & Son Co., Inc.
7014 Kenleigh Rd., (12)
DR 7-8600
22. Bearings, Inc.
1901 N. Howard St.
P. O. Box 1672
VE 7-4700
23. Behymer & Co., Inc., W. L.
4583 Govans Sta. (12)
TU 9-6300
24. Bellows Co., The
5600 Hartford Rd. (14)
CL 4-4373
25. Benson Co., Inc., The L. A.
8 E. Lombard St. (2)
P. O. Box 2137
PL 2-8340
26. Bethlehem Steel Co.
300 St. Paul Pl. (3)
27. Black, Frank E.
301 E. 25th St. (18)
BE 5-0007
28. Black & Decker Manufacturing Co.,
The
203 W. 28th St. (11)
HO 7-7411
29. Bronze Specialties, Inc.
1655 Warner St. (30)
LE 9-1906
30. Brown Co., H. B.
2810 Hampden Ave. (11)
HO 7-7310
31. Bucheimer Tool Sales
24 W. Alleghany Ave. (4)
V 8-1920
32. Capps, W. T.
1509 N. Gate Rd. (18)
TU 9-8118
33. Carey Machinery & Supply Co.
3501 Brehms La. (3)
P. O. Box 206
RE 7-8090
34. Carrier Corp.
St. Paul Pl. and E. Franklin St. (3)
SA 7-5478
35. Chain Belt Co.
1115 E. 30th St.
HO 7-6257
36. Chapman & Sons, W. C.
4705 Erdman Ave. (5)
BR 8-5094
37. Chase Brass & Copper Co.
1315 Key Hwy. (30)
PL 2-2545
38. Chesapeake Machinery Co.
SO 1-1515
39. Clark Controller Co., The
2319 Maryland Ave. (18)
BE 5-4018
40. Clark Dealer
1870 N. Gay St. (13)
41. Clendenin Bros., Inc.
4309 Erdman Ave. (13)
EA 7-4500
42. Cleveland Tannery Baltimore Co.
819 N. Castle St. (5)
EA 7-6789
43. Clisby & Associates
2439 N. Charles St. (18)
BE 5-3726
44. Cochran Co., N. B.
344 E. 33rd St. (18)
HO 7-8006
45. Colson Corp., The
3111 St. Paul St. (18)
HO 7-9140
46. Crane Packing Co.
401 Colleen Rd.
MI 4-4788
47. Crucible Steel Co. of America
1503 Mercantile Trust Bldg. (2)
PL 2-3320-1
48. Curtis Engine & Equipment Co.
2200 Sherwood Ave. (18)
TU 9-3874
49. Davis Marine Supply Co.
505 Water St. (2)
50. DeGrouchy, Travis
8159 Pleasant Plains Rd. (4)
VA 3-5820
51. Detrex Chemical Industries, Inc.
920 S. Eutaw St.
MU 5-2200
52. Diehl Manufacturing Co.
511 N. Charles St. (1)
LE 9-6947
53. DoAll Baltimore Co., The
5621 York Rd. (12)
ID 3-3993
54. Dorsey Gage Co., Inc.
55. Druid Oak Belting Co., Inc.
2317 Cecil Ave.
TU 9-1190
56. Dubinsky, sid
1605 Court Square Bldg. (3)
SA 7-5489
57. Durling Electric Co.
301 E. 25th St. (18)
HO 7-5560
58. Earlebeck & Landrum, Inc.
8401 Pulaski Hwy. (21)
MU 7-8401
59. Edgcomb Steel Co.
2213 N. Charles St. (18)
HO 7-9800
60. Electric Power Tools, Inc.
111 N. Wheeler Ave. (36)
CI 5-5305
61. Electric Tool & Machinery, Inc.
1205 E. 25th St. (18)
BE 6360
62. Engineering Materials Corp.
1501 Patapaco Ave. (30)
EL 5-5225
63. Esso Standard Oil Co.
Dundalk Ave. near Eastern Ave. (24)
64. Exact Weight Scale Co., The
120 W. 25th St. (18)
HO 7-3928
65. Fairbanks, Morse & Co.
659 E. 25th St. (18)
HO 7-3823
66. Freeland Equipment Co.
1600 S. Caton Ave. (27)
MI 4-6161
67. Freemire & Associates
2302 Ridgewood Ave. (15)
MO 4-5624
68. Frost Associates
E. 25th St. (18)
69. General Electric Co.
111 Park Ave. (1)
MU 5-6500
70. General Supply & Equipment Co.
530 E. 25th St. (18)
HO 7-4050
71. Giacofci, John A.
1607 Court Square Bldg.
SA 7-2100
72. Gibson & Kirk Co.
Warner and Bayard St. (30)
LE 1200
73. Goodman Co., George
163 E. 25th St.
BE 3-3755
74. Guilford Welding Supply Co.
1704 Barclay
75. Gunther, Inc., Albert
36 W. Biddle St. (1)
VE 7437-38
76. Hacker Co., A. L.
308 Wyndhurst Ave. (10)
ID 3-6500
77. Hall & Son, O. T.
2301 N. Charles St. (18)
HO 7-3339
78. Hamilton Tool Supply
2500 Maryland Ave. (18)
HO 7-1180
79. Harrington, Inc., E. Deane
2100 Aisquith St. (18)
BE 5-1410
80. Hein Co., Louis H.
703 Light St.
81. Herche Steam Packing Co.
514 E. Lombard St.
LE 9-4320
82. Hill-Chase Steel Co.
6501 Erdman Ave. (3)
PE 2-7300
83. Hobart Welders Sales Co.
2709 E. Foster Ave. (24)
84. Hodges & Co., Charles H.
1 W. 22nd St. (18)
HO 7-8510
85. Holland Co., M. F.
201 Key Hwy. (30)
LE 9-2420
86. Houghton & Co., E. F.
6 S. Schroeder St. (23)
SA 7-2388
87. Howell-Lanier Engineering Sales, Inc.
4703 Ritchie Hwy. (35)
ST 9-6800
88. I-T-E Circuit Breaker
7215 York Rd.
TU 9-3683
89. Industrial Bearings & Transmission,
Inc.
2200 Robb St.
TU 9-5000
90. Ingersoll-Rand Co.
Light and Redwood Sts. (3)
PL 2-0380
91. Jackson-Walter Co.
P. O. Box 7766 (21)
LE 9-3044
92. John, Arnold D.
3740 Sylvan Dr. (7)
WI 4-5688
93. Jones & Laughlin Steel Corp.
Mathieson Bldg. (2)
MU 5-6880

SALES OFFICES

MARYLAND

94. K & G Sales Co.
1305 Maryland Ave. (1)
MU 5-7700-1-2
95. Kalista, Jr., J. M.
221 E. 25th St. (18)
BE 5-2780
96. Kohl Sales Co., The A. B.
4615 Edmondson Ave. (29)
LO 6-3667
97. Krehnbrink, H. W.
316 St. Dunstons Rd. (12)
ID 5-1388
98. Lincoln Electric Co., The
1130 Park Ave. (1)
SA 7-0060
99. Linde Co.
200 E. Joppa Rd. (4)
VA 3-1320
100. Lutton Co., C. D.
2127 Maryland Ave. (18)
BE 3-3957
101. Lyon, Conklin & Co., Inc.
Race & McComas Sts., (30)
DI 2-9225
102. Machinery Associated, Inc.
1857 Loch Shiel Rd. (4)
103. MacMillan, G. D.
5637 Govans Ave. (10)
ID 3-4942
104. Maguire & McLernon, Inc.
1100 Exeter Hall Ave. (18)
HO 7-6400
105. Maier's Sons, John G.
153-155 N. Gay St. (2)
106. Maleson Co., The
10 Light St. (2)
107. Manning, Maxwell & Moore, Inc.
2002 St. Paul St. (18)
108. Maryland Machinery Co.
8211 Pulaski Hwy. (6)
MU 7-6785
109. Maryland Saw Co.
1049 Hillen St.
110. McCall-Boykin Co., Inc.
1210 N. Macon St. (5)
DI 2-1224
111. McCauley, R. S.
5106 York Rd. (12)
ID 5-1995
112. McClean Brothers
108 Key Hwy.
113. McDorman, William
P. O. Box 4592
ID 5-3997
114. Metal Aides Agents, Inc.
318 Mathieson Bldg. (2)
LE 9-0706
115. Middletown Machine Co., The
2404 Strathmore Ave. (14)
HA 5-1975
116. Moffatt Bearings Co.
1128 Cathedral St. (1)
MU 2-175
117. Moran, James
928 Kevin Rd. (29)
118. Nelson, Murray C.
500 Kingston Rd. (29)
WI 5-8466
119. Ninor Co., J. C.
115 South St. (2)
120. Norman Machine Tool Co.
31 N. Warwick Ave. (23)
121. Peterson & Lowe
22 Light St. (2)
LE 9-6164
122. Plantholt, John F.
102 Old Town National Bank Bldg. (2)
LE 9-3712
123. Production Machinery Dist.
8312 Wilson Ave. (14)
124. Railway Supplies & Equipment Co.
5724 Kenmore Rd. (10)
ID 5-7313
125. Randall Co., Ken
1303 Midvale Ave.
RI 7-5260
126. Reliance Electric & Engineering Co.
120 E. 25th St. (18)
BE 5-4521

127. Renoff Co., Paul V.
333 E. 25th St. (18)
HO 7-3280
128. Retzker, Matthew
17 W. Redwood St. (1)
SA 3730
129. Revere Copper & Brass Inc.
1301 Wicomico St. (3)
P. O. Box 2075
130. Reynolds Co., W. L.
502 W. Franklin St. (3)
MU 3-3465
131. Reynolds Metals Co.
Federal Land Bank Bldg. (18)
HO 7-9201
132. Riley, A. W.
3417 Ripple Rd. (7)
OL 3-4238
133. Roerig, Herb
4010 Glengyle Ave. (15)
RO 4-2044
134. Rotor Tool Co., The
320 Mathieson Bldg. (2)
LE 9-0307
135. Royal Jewelers Supply Co.
108 W. Fayette St. (1)
136. Royal Supply & Equipment Co.
Route 4, Box 27 (27)
EL 609
137. Russell Associates
28 Alleghany Ave. (4)
VA 3-3350
138. Scherer, Jr., J. E.
8342 Loch Raven Blvd. (4)
VA 5-4287
139. Seidenstricker, C. C.
3403 Elmora Ave. (13)
BR 6-6935
140. Shanks, E. Chat
9 West Chase
P. O. Box 255
PL 2-0133
141. Shell Oil Co.
200 E. Joppa Rd. (4)
P. O. Box 6870
VA 5-5600
142. Sinclair Refining Co.
10 Light St.
143. Skarie, Inc.
707 N. Howard St. (1)
LE 9-6008
144. Skill Corp.
2323 Greenmount Ave. (18)
BE 5-5851
145. Slaysman Co., The
803-813 E. Pratt (2)
LE 9-2437
146. Snap-On Tools Corp.
4503 E. Monument St. (5)
DI 2-4466
147. South Chester Corp.
107 York Rd. (4)
VA 5-7999
148. Standard Supply & Equipment Co.
2220 Boston St. (31)
BR 6-3600
149. Sterling Electric Motors, Inc.
11 W. 25th St. (18)
BE 5-9336
150. Stuart Corp.
516 N. Charles St. (1)
VE 7-2212
151. Stuehler Associate, J. A.
6627 Marne Ave.
152. Sun Oil Co.
1910 Russell St. (30)
PL 2-8642
153. Syntrol Baltimore Sales Co.
902 Leeds Ave. (29)
CI 7-0300
154. Talone, Edward R.
4313 Elderon Ave. (15)
FO 7-6799
155. Tate Engineering, Inc.
516 S. Eutaw St. (1)
LE 9-0787
156. Taylor Supply Co., The
913 S. Wolfe St. (31)
PE 2-1254
157. Toland & Son, Inc.
230-34 N. Front St.

158. Tristate Electrical Supply Co., Inc.
2818 Loch Raven Rd. (18)
HO 7-5600
159. United States Electrical Motors, Inc.
1863 Loch Shiel Rd. (4)
PL 2-1500
160. Walker Co., The James
123 Light St. (2)
PL 2-2380
161. Waters Rubber Co.
1336 Bayard St.
162. Watson Co., Ray V.
3101 Fallscliff Rd. (11)
BE 6-7302
163. Weiss Co., R. S.
3608 Callaway
LI 2-3979
164. Welders Supply Co., The
700 McCulloh St. (1)
165. Western Newspaper Stereotyping &
Supply Co.
414 Water St. (2)
166. Whitehead Metals, Inc.
4300 E. Monument St. (5)
EA 7-3200
167. Will Corp. of Maryland
Box 5195
168. Wood & Co., Inc., Harry M.
124 Light St. (2)
MU 5-4643
169. Yale & Towne Manufacturing Co.,
The
1115 E. 30th St. (18)
TU 9-3504
170. Yarrington & Johns, Inc.
324 W. 24th St. (11)
TU 9-1226
171. Young, William H.
2439 N. Charles St. (18)
JU 8-6088
172. Zies & Sons Co., Chas.
314-320 S. Fremont Ave. (30)
MU 5-2570

BEL AIR

173. Wapakoneta Machine Co., The
Bel Air Acres, Box 201
Phone: 913

BETHESDA

174. Gardner Laboratory, Inc.
P. O. Box 5728 (14)

BLANDENSBURG

175. Southern Oxygen Co.
2900 Kenilworth Ave.

BRENTWOOD

176. District Oxygen Co.
3801 Bunker Hill Rd.
WA 7-6161

CAMBRIDGE

177. Phillips Hardware Co. (8)

CHESTERTOWN

178. Hanson-Van Winkle-Munning Co.
P. O. Box 252
PL 2-2900 (Baltimore)

CHEVY CHASE

179. Machinery Association, Inc.
7418 Ridgewood Ave. (15)

CROWNSVILLE

180. Reader, Otis M.
Box 208

CUMBERLAND

181. McKelg's
S. Centre St.
PA 2-7500
182. Tristate Electrical Supply Co.
30 Wineow St.
PA 2-0060

SALES OFFICES

MARYLAND

CUMBERLAND (cont.)

- 183. Tri-State Mine & Mill Supply
310 Commerce St.
PA 2-8360
- 184. Wilson & Pugh
26 S. George St.
PA 2-7540
- 185. Wilson Hardware Co.
30 N. Mechanic St.
- 186. Wilson Welding Supply Co.
McMullen Hwy.
U. S. Route 20

EDNOR

- 187. Leeds & Northrup Co.
Millgrove Gardens
SP 4-9268

ELLCOTT CITY

- 188. Colliflower, Inc.
E. of Rogers Ave.
RI 7-2690

GLEN BURNIE

- 189. Gilro Associates
123 Country Club Dr.
SO 1-2141
- 190. Shipley Machinery Co., W. E.
P. O. Box 327

HAGERSTOWN

- 191. Bearings & Transmission
1875 Pennsylvania Ave.
Phone: 5078
- 192. Foltz Manufacturing & Supply Co.
Washington & Locust St.
- 193. General Electric Co.
Professional Arts Bldg.
Phone: 5067
- 194. Hagerstown Equipment Co.
Maryland Ave. and Memorial Blvd.
- 195. Kauffman Manufacturing & Supply Co.
709 Pennsylvania Ave.
Phone: 4800-01
- 196. McKee, R. D.
339 W. Antietam St.
- 197. Noland Co.
1016 Virginia Ave.
RE 9-5690
- 198. Pangborn Corp.
Pangborn Blvd.
RE 9-3500

HYATTSVILLE

- 199. Parks, W. E.
4212 Sheridan St.
University Pk.

KENSINGTON

- 200. Etzler Co.
4105 Everett St.
WH 2-3141
- 201. Johnson, R. F.
4105 Everett St.
WH 2-3141

LUTHERVILLE

- 202. Wright, Howard H.
1505 Melton Rd.
LI 2-3462

OLNEY

- 203. Goddard, William F.
202 King William Dr.
WA 4-9418

PASADENA

- 204. Chesapeake Machinery Co.
Route 1, Box 252
SO 1-1513

PHOENIX

- 205. McCormick, H. A.
Phoenix P. O.
CO 214

RIDERWOOD

- 206. McBeth Machinery Co.
Box 168
BE 5-4581

ROCKVILLE

- 207. Donnellan, John S.
1610 Forbes St.
GA 4-5313

SALISBURY

- 208. Grier & Sons Co., R. D.
Railroad Ave.

SILVER SPRING

- 209. Airborne Instruments Laboratory
8055 13th St.
JU 7-5952
- 210. Dow Corning Corp.
8005 Cameron St.
JU 8-3222
- 211. Fisher Scientific Co.
7722 Woodbury Dr.
JU 5-1068
- 212. General Radio Co.
8055 13th St.
JU 5-1068
- 213. Johnson, Inc., Arthur M.
1600 Grace Church Rd.
JU 7-7059
- 214. Precision Sales Co.
8616 Georgia Ave.
JU 8-7690

SHADY SIDE

- 215. Rice, Charles R.
2 Thomas Dr.
Avalon Shores
UN 7-3231

TAKOMA PARK

- 216. Croft, William
8608 Flower Ave.
JU 9-4766

TOWSON

- 217. Becker, W. O.
1620 Yakoma Rd. (4)
PL 2-2708
- 218. Buchelmer Tool Sales Co.
24 W. Alleghany Ave. (4)
VA 5-1920
- 219. Closs Co., Thomas H.
21 W. Pennsylvania Ave. (4)
- 220. Drumcliff Co., The
Hillen Rd. and Centre Ave. (4)
- 221. Fabricators, Inc.
610 Highland Ave. (4)
VA 5-3456
- 222. Joyes, Bayne
802 Woodbine Ter. (4)
VA 5-8343
- 223. Leeds & Northrup Co.
311 E. Pennsylvania Ave. (4)
VA 5-7719
- 224. Malloy Co., John
24 Alleghany Ave. (4)
VA 5-2320
- 225. McArdle & Walsh, Inc.
Maryland Ave. and Hillen Rd. (4)
Box 6885
VA 5-6600
- 226. Oil Equipment Co.
938 Starbit Rd. (4)
VA 5-1543
- 227. Rankin Co., Walter A.
P. O. Box 6727 (4)
VA 5-4152
- 228. Rich, Horace S.
1812 Aberdeen Rd. (4)
VA 5-0164
- 229. Webb Co., Jervis B.
107 York Rd. (4)
VA 5-4063
- 230. Wells Peck Co., Inc., R.
P. O. Box 6783 (4)
VA 5-1300

MASSACHUSETTS

AGAWAM

- 1. Ruddefort Co., T. H.
39 Doane Ave., P. O. Box 73
RE 9-1132
- 2. Vanadium-Alloys Steel Co.
S. End Bridge Cir.
RE 9-6306
- 3. Wilson, William J.
127 Raymond Cir.
RE 9-1801

ALLSTON

- 4. Apparatus Service Co.
355 Everett St. (34)
ST 2-7440
- 5. Arcos Corp.
28 Travis St. (34)
ST 2-7155
- 6. Litter Co., Inc., D. H.
291 N. Harvard St.
AL 4-1882
- 7. Rockett Co., T. A.
Box 8245 (34)

ARLINGTON

- 8. Gately, D. T.
27 Linden St. (74)
HA 6-1046
- 9. Kelley Co., R. J. R.
21 Woodland St.
MI 8-2189
- 10. Lime-Excellent Enterprises
41 Old Mystic St.
MI 3-2766-3-8617
- 11. Proctor & Martin Co.
24 Mill La.
P. O. Box 180
MI 8-2300-3201

ASBURY PARK

- 12. Brightboy Industrial Div.
113 Himpler Blvd. Colonial Ter.

ASHBY

- 13. Mossman, Leslie J.

ATHOL

- 14. MacKay, Richmond
115 Pleasant St.
CH 9-6007
- 14A. Starrett Co., L. S.

ATTLEBORO

- 15. Brownell Mill Supply, Inc.
7 Parker St.
AT 1-0130

AUBURN

- 16. Abrasives & Tools, Inc.
469 Southbridge St.
P. O. Box 356
TE 2-3442
- 17. Brown & Sharpe Manufacturing Co.
65 Auburn St.
TE 2-4388
- 18. Hook Co., Inc., H. C.
135 South St.
P. O. Box 237
PL 2-2882
- 19. Pratt and Inman
27 Elm St.
PL 5-4383

AUBURNDALE

- 20. Crosby Co., Kenneth H.
44 Leslie Rd. (66)
LA 7-3103
- 21. Parker, Frank A.
P. O. Box 25
19 Oakland Ave. (66)
DE 2-6254
- 22. Strickland Tool Sales Co.
P. O. Box 29
DE 2-7742

SALES OFFICES

AVON

23. Brockton Operating Co., Inc.
Memorial Dr.
JU 3-3650

BALLARDVALE

34. Reichhold Chemicals, Inc.
P. O. Box 158
GR 5-6600

BEDFORD

25. Aminco Sales Corp. of Mass.
9 Clark Rd.
CR 5-0014
26. Beushausen, Lou
P. O. Box 343
CR 4-0087
27. Drew Associates, Inc.
P. O. Box 467
CR 4-7232

BELMONT

28. Dawson Co., Kenneth A.
106 Concord Ave. (78)
29. Horne, H. J.
16 Pinehurst Rd. (78)
IV 4-4868
30. Peterson, Jr., Victor H.
50 Falmouth St.
30A. Unger & Associates, Norb
Manzelli Bldg.
385 Concord Ave. (78)

BEVERLY

31. Brandt, Frank
46 Pickman Rd.
WA 3-7905
32. Gibbons Co., T. J.
8 Amherst Rd.
WA 2-8135
33. Morgan Co., Charles T.
21 Lothrop St.
WA 2-0378
34. Muldoon, Arthur
69 Lathrop St.
WA 2-3129
35. Rodgers, Robert R.
156 Cabot St.
WA 2-3677

BILLERICA

36. Bissonette, Joseph
MO 5-7806

BOSTON

37. Acheson Colloids Co.
89 Broad St. (10)
HA 6-6979
38. Airborne Instruments Laboratory
415 Western Ave. (35)
AL 4-6210
39. Air Reduction Sales Co.
122 Mt. Vernon St.
Upham's Corner (25)
GE 6-2810
40. Alemite Co.
64 Cummington St. (15)
41. Allen-Bradley Co.
24 Brighton Ave. (34)
ST 2-0203
42. Allis-Chalmers Manufacturing Co.
31 St. James Ave. (16)
HU 2-3700
43. Aluminum Co. of America
20 Providence St.
Park Sq. (16)
HA 6-0480
44. American Felt Co.
211 Congress St. (10)
HA 6-6158
45. American Optical Co.
110 Tremont St.
LI 2-7850
46. American Smelting and Refining Co.
Statler Bldg.
29 Providence St.
LI 2-0797
47. American Steel & Wire Div.
Statler Bldg. (16)
LI 2-6120

48. Anderson-Morison Machinery Co.

- 25 Huntington, Rm. 308
KE 6-1885
49. Archer-Daniels-Midland Co.
141 Milk St. (9)
50. Arcos Corp.
28 Travis St. (34)
ST 2-7305
50A. Armco Steel Corp.
439 Park Square Bldg. (16)
51. Armstrong Manufacturers Supplies,
Inc., G. R.
139 High St. (10)
HA 6-5275
52. Arrow-Hart & Hegeman Electric Co.,
The
1032 Commonwealth Ave. (15)
BE 2-8850
53. Bausch & Lomb Optical Co.
131 Clarendon St. (16)
HU 2-3520
54. Bay State Machinery
739 Boylston St.
55. Bethlehem Steel Co.
75 Federal St. (10)
56. Black & Decker Manufacturing Co.
12 Market St., Brighton (35)
ST 2-6264
57. Boston Machinery & Tool Co.
78 Lewis St. (28)
LO 7-4200
58. Boston Provision & Ship
344 Commercial St.
59. Bowman Associates, A. D.
1185 Commonwealth
ST 2-6240-7799
60. Brett Co., F. W.
25 Huntington Ave.
61. Bridgeport Brass Co.
929 Statler Bldg. (16)
62. Bristol Brass Corp., The
30 Huntington Ave. (16)
CO 7-4142
63. Bristol Co., The
802 Statler Bldg. (16)
HU 2-1728
64. Brooks Co., B. D.
310 Atlantic Ave.
HA 6-5200
65. Carrier Corp.
150 Causeway St. (14)
RI 2-0772-3-4
66. Carter, James O.
251 Columbus Ave.
KE 6-2803
67. Century Electric Co.
146 Summer St., Room 49 (10)
LI 2-3470
68. Chain Belt Co.
10 High St. (10)
LI 2-8445
69. Chandler & Farquhar Co.
900 Commonwealth Ave. (15)
LO 6-7800
70. Chase Brass & Copper Co.
411 "D" St. (4)
LI 2-0126
71. Chase, Parker & Co., Inc.
288 Congress St.
Phone: 2-8784 to 2-8791
72. Chicago Pneumatic Tool Co.
76 Lincoln St., Brighton (35)
ST 2-8088
73. Circo Equipment Co.
137 Kneeland St.
LI 2-3611
74. Clark Controller Co., The
369 Boylston St.
BI 4-8200
75. Collatz Co., G. T.
473 Washington St. (81)
CE 7-0831
76. Collins Box & Supply Co.
56 Bristol St. (18)
LI 3-8499
77. Colson Corp., The
440 Somerville Ave.
SO 6-3025
78. Consolidated Electrodynamics Corp.
31 St. James Ave.

MASSACHUSETTS

79. Cook Co., E. D.
169 Western Ave. (34)
80. Crafts Co., Inc., Arthur A.
603 Newbury St.,
Kenmore Sq. (15)
KE 6-4180
81. Cramer Electronics, Inc.
811 Boylston St. (16)
82. Crucible Steel Co.
Waltham Industrial Center (54)
TW 4-6100
83. De Laval Separator Co., The
20 Providence St. (16)
HA 6-6095
84. Detrex Chemical Industries, Inc.
50 Terminal St.
CH 2-0880
85. Dorsey Gage Co., Inc.
86. Dow Chemical Co., The
520 Boylston (16)
CO 7-6415
87. Dow Corning Corp.
20 Providence St. (16)
HA 6-5992
88. Eclipse Air Brush Co.
80 Boylston St. (16)
HU 2-1019
89. Electrical Agencies, Inc.
49-51 "D" St. (27)
AN 8-9300
90. Electrical Apparatus Co., Inc.
1200 Soldiers Field Rd. (34)
ST 2-7440
91. ESNA
1842 Centre St.
W. Roxbury Sta. (32)
FA 5-1301
92. Eutectic Welding Alloys
167 Brighton Ave. (34)
AL 4-9131
93. Evans Supply Co., The
222 Summer St. (10)
94. Exact Weight Scale Co., The
9 Union St. (8)
LA 3-2653
95. Fairbanks Co., The
520 Atlantic Ave. (10)
LI 2-2000
96. Fairbanks, Morse & Co.
178 Atlantic Ave. (10)
LA 3-3600
97. Field Co., Inc., William H.
323 Dorchester Ave. (27)
AN 8-1111
98. Gahn, Jr., Philip A.
1018 Commonwealth Ave. (15)
AS 7-4830
99. Gardner-Denver Co.
1020 Commonwealth (15)
BE 2-6655
100. Garlock Packing Co., The
80 Broad St. (10)
HA 6-4590
101. General Electric Co.
140 Federal St. (1)
HU 2-1800
102. General Electric Supply
P. O. Box 95
145 N. Beacon (35)
AL 4-5300
103. General Machinery Corp.
140 Federal St. (10)
LI 2-4826
104. Gibson Engineering Co.
1018 Commonwealth Ave. (15)
AS 7-5074
105. Gottlieb, Morton M.
P. O. Box 792 (2)
AV 2-8421
106. Graff Co., H. G.
10 High St. (10)
HA 6-3381
107. Gulf Oil Corp.
Park Square Bldg.
Back Bay P. O. Box 153 (17)
HA 6-3700

SALES OFFICES

MASSACHUSETTS

BOSTON (cont.)

108. Harbor Tool Supply Co.
74 Brookline Ave. (15)
CO 7-0520
109. Harnischfeger Corp.
250 Washington St.
Wellesley Hills (82)
CE 5-6810
110. Harris & Underhill
20 Providence St. (16)
HA 6-3544
111. Hawkridge Bros., Co.
303 Congress St. (10)
HU 2-8600
112. Haymarket Hardware Co.
5 Washington St. (14)
113. Hedge & Mattheis Co.
285 Dorchester Ave.
SO 8-2842
114. Hinds & Coon Co.
78 India St. (10)
115. Holtzer-Cabot Div.
125 Amory St. (19)
JA 4-7000
116. Homans-Kohler, Inc.
P. O. Box 132, Station A (18)
LI 2-6610
117. Horrigan, Joseph G.
24 Cambria St. (15)
KE 6-4468
118. Houghton & Co., E. F.
P. O. Box 173 (30)
JA 4-0561
119. Hub Material Co.
387 Washington St. (8)
120. Hubert Co., Edgar F.
Statler Bldg. (16)
HA 6-3740
121. Hyman Co., Inc., Barry
114 Old Colony Ave. (27)
AN 8-3634
122. IBM Corp.
Providence St. & Columbus Ave.
LI 2-3820
123. I-T-E Circuit Breaker
31 St. James Ave. (16)
HA 6-3630
124. Industrial Equipment Sales
84 State St. (10)
125. Ingersoll-Rand Co.
285 Columbus Ave. (16)
KE 6-2280
126. Jones & Granger, Inc.
115 High St. (10)
HA 6-4310
127. Jones & Laughlin Steel Corp.
10 High St. (10)
HU 2-5151
128. Kaiser Aluminum & Chemical Sales,
Inc.
20 Providence St. (16)
HA 6-7255
129. Kearns Electric Supply Co., Thomas F.
524 Atlantic Ave. (10)
LI 2-0745
130. Kelco Metal Products Co.
51 Sleeper St. (10)
HU 2-1737
131. Ken-Line Products
85 Centre St. (10)
132. Kerns Co., L. R.
29 Pearl St.
PL 4-0042
133. Klein-Farris Co., Inc.
207 Essex St. (11)
HA 6-1210
- 133A. Latrobe Steel Co.
10 High St. (10)
134. Leeds & Northrup Co.
430 Lexington St. (66)
LA 7-9360
135. Levenson, Sumner H.
115 High St. (10)
HA 6-2900
136. Lewin-Mathes Co.
729 Boylston St. (18)
CO 7-1195
137. Lima Electric Motor Co., Inc., The
755 Boylston St. (16)
KE 6-8965
138. Lincoln Supply Co.
53 State St.
CA 7-3227
139. Linde Co.
300 First Ave.
Needham Hgts. (94)
HI 4-5400
140. Lord Manufacturing Co.
Statler Office Bldg. (16)
HA 6-9135
141. Lukens Steel Co.
20 Providence St. (16)
HU 2-4031
142. Lynd-Farquhar Co.
960 Park Square Bldg. (16)
HA 6-0620-6-0621-6-0840
- 142A. Lyon Metal Products, Inc.
46-48 Midway St. (10)
143. Mariboro Associates
P. O. Box 414 (23)
144. Matthews & Co., Jas. H.
375 Broadway (11)
LI 2-2730
145. Maxwell-Padelford Co.
17 Brook Rd.
HI 4-9140
146. Metal Carbides Corp.
30 Huntington Ave. (16)
CO 6-3935
147. Metal & Thermit Corp.
313 Congress St. (10)
LI 2-0334
148. Metallizing Co., of America, Inc.
10 High St.
LI 2-1277
149. Mills Engineering Co., Inc.
300 First Ave. (94)
HI 4-0905
150. Milne & Co., Inc., A.
631 E. First St. (27)
AN 8-5308
151. Morse Chain Co.
1105 Commonwealth Ave. (15)
AL 5-8106
152. New Departure Div.
31 St. James Ave. (16)
HA 6-9867
153. New England Oil, Paint & Varnish
49 Sudbury St.
154. New England Petroleum Equipment
Co.
1094 Commonwealth Ave. (15)
LO 6-1011
155. New Jersey Zinc Co., The
137 Kneeland St. (11)
156. Northeast Tool & Distributing Co.
419 Boylston St. (16)
CO 7-2322
157. O'Connell, Kevin
419 Boylston St.
CO 7-2322
158. Parker, Blair H.
610 Atlantic Ave. (10)
159. Parry, Inc., John R.
135 Pearl St. (10)
LI 2-5180
160. Pelkus & Co., Inc., Leo C.
683 Atlantic Ave. (11)
LI 2-1941
161. Pike Associates, Warren M.
274 Franklin St. (10)
Phone: 6-4606-6-6781
- 161A. Pratt & Whitney Co., Inc.
238 Main St. (42)
162. Preston Associates, B. G.
20 Providence St. (16)
HA 6-2895
163. Radio Shack Corp.
167 Washington St. (8)
164. Reasoner Tool and Supply
87 Summer St. (10)
HU 2-1980
165. Remington Arms Co., Inc.
665 Boylston St. (16)
CO 6-0856
166. Republic Steel Corp.
Consolidated Bldg. (16)
LI 2-3641
167. Revere Copper and Brass, Inc.
108 Arlington St. (16)
168. Reynolds Metals Co.
442 Park Square Bldg. (16)
LI 2-0665
169. Ribble Co., C. H.
250 Boylston St. (16)
CO 7-3088-9
170. Rotor Tool Co., The
751 Little Bldg. (16)
171. Rudel Machinery Co.
532 Statler Office Bldg. (16)
HA 6-7254
172. Ryerson & Son, Inc., Joseph T.
Box 1111 (3)
ST 2-6900
173. Scales Co., R. H.
121 Brookline Ave. (15)
KE 6-1045
174. Seclay Bros., Inc.
6 Beacon St. (8)
CA 7-1515
175. Segel Co., Charles
1262 Commonwealth Ave. (34)
HE 2-2555
176. Shell Oil Co.
441 Stuart St. (16)
KE 6-1400
177. Siebert Co., Inc., M. A.
192 Worcester St. Wellesley Hills (81)
CE 5-2900
178. Simonds Saw and Steel Co.
1350 Columbia Rd. (27)
AN 8-8535
179. Skill Corp.
442 Cambridge St. (34)
AL 4-4560
180. Snap-on Tools Corp.
116 N. Beacon St. (35)
ST 2-7296
181. Socony Mobil Oil Co., Inc.
P. O. Box 2196 (6)
182. South Chester Corp.
6 Beacon St. (8)
CA 7-1515
183. Spaulding-Moss Co.
401 Summer St. (10)
LI 2-3090
184. Stamas Metal Products Co., Inc.
34 Cambria St. (15)
CO 7-7353
185. Stedfast & Roulston, Inc.
11 Deerfield St. (15)
KE 6-6410
186. Steel Shot & Grit Co.
Box 205, N. Postal Sta.
CH 2-0934
187. Steinert, Robert
43 Leon St.
HI 5-1333
188. Stuart Oil Co., Ltd., D. A.
LI 2-6673
189. Sun Oil Co.
Lee Burbank
Revere 51
RE 8-4506
190. Supreme Products Corp.
28 Thistle Ave.
CU 6-5870
191. Syntrol Boston Sales Co.
171 Brighton Ave. (34)
AL 4-5176
192. Taxer, Inc., The John W.
3 Appleton St. (16)
193. TEK Bearing Co., Inc.
510 Cambridge St. (34)
AL 4-2802
194. Texas Co., The
20 Providence St. (17)
HA 6-9650
195. Thor Power Tool Co.
48 Pearl St. (46)
BE 2-6520-1
196. Timer Service Co.
1018 Commonwealth Ave. (15)
197. Timken Roller Bearing Co., The
56 N. Beacon St.
AL 4-3701

198. Union Carbide Plastics Co.
300 First Ave.
Needham Hgts. (94)
HI 4-5490
199. U. S. Electrical Motors, Inc.
25 Huntington Ave. (16)
TR 2-3174
200. United Electric Supply
846 Commonwealth Ave. (15)
BE 2-2985
201. Vanadium Alloys Steel Co.
10 High St., Room 407 (19)
LI 2-4164
202. Waldo Brothers Co.
202 Southampton St. (18)
TR 2-3174
203. Wales Stripit, Inc.
419 Boylston St.
KE 6-3194
204. Waiworth Co., The
430 Summer St.
205. Washburne Co., Inc., C. E.
1900 Massachusetts Ave. (40)
TR 6-4660
206. Watson Brush Manufacturing Co.,
M. N.
51 Amory St. (19)
207. Webb Co., Jervis B.
825 Beacon St., Room 17 (19)
BI 4-6500
208. Weirton Steel Co.
20 Providence St. (16)
HU 2-9575
209. Wilkinson Co., A. J.
180 Washington St.
210. Woodcraft Supply Co.
39 Washington St.
211. Worthington Corp.
150 Causeway St. (15)

BRIGHTON

212. Lin Associates, Inc.
76 Strathmore Rd. (46)
BE 2-9446
213. Simpson & McKenney
97 Nottingham Rd. (35)
AL 4-1926
214. Tek Bearing Co.
190 N. Beacon St.
AL 4-2802

BROCKTON

215. Di-Cast Manufacturing Co.
15 Bradford Pl.
JU 3-2319

BROOKLINE

216. Abel & Co., Inc., Robert
112 Cypress St. (46)
217. Kenett Corp.
320 Washington St.
LO 6-0378
218. McCulloch, John H.
23 Garrison Rd.
219. Metallurgical Products Co.
1199 Beacon St. (46)
LO 6-8993
220. Patt, A. J.
54 Edgmont St.
AS 7-0850
221. Porter-Cable Machine Co.
358 Harvard St.
BE 2-6332
222. Pragst Co., George G.
75 Lawton St.
223. Schwartz, Henry
75 Lawton St.
LO 6-2963

BURLINGTON

224. Joy Manufacturing Co.
Second Ave.
Phone: Boston BR 2-9500
225. Welders Supply Co.
Wheeler Rd.
BR 2-0400
226. Wilde, A. E.
10 Mill St.
BU 7-7761

CAMBRIDGE

227. Achorn Steel Co.
109 Smith Pl. (38)
MA 6-9592
228. American Brass Co., The
238 Main St. (42)
229. Atlantic Industrial Supply Co.
805 Main St. (39)
TR 6-3211
230. Austin-Hastings Co., Inc.
236 Binney St. (42)
KI 7-4480
231. Austin Tool & Supply Co.
238 Main St. (42)
UN 4-8329
232. Baker Co., M. E.
25 Wheeler St. (38)
KI 7-5460
233. Beal Co., Joseph
87 Binney St. (42)
UN 4-2813-4-5
234. Behr-Manning Co.
83 Cambridge Pkwy. (42)
KI 7-8740
235. Bellamy-Robie, Inc.
45 Main St. (42)
TR 6-3830
236. Blanchard Machine Co.
64 State St.
237. Brown-Wales Co.
165 Rindge Ave., Ext. (40)
UN 4-4300
238. Brownell Distributors
271 Vassar St.
UN 4-7500
239. Bunting Brass & Bronze, The
152 Sixth St. (42)
KI 7-8170
240. Butts and Ordway Co.
206 Sixth St. (42)
TR 6-3131
241. Central Scientific Co.
79 Amherst St.
TR 6-3400
242. Cleveland Tramrail Div.
117 First St. (41)
UN 4-9880
243. Cutter, Wood & Sanderson Co.
222-232 Third St. (42)
KI 7-5400
244. Davis, Inc., H. G.
45 Moulton St.
UN 4-7530
245. deVou, Inc., Laird
157 Main St. (42)
UN 4-7110
246. Eastern Appliance Co.
281 Vassar St. (39)
UN 4-3765
247. Eckel Corp., The
155 Fawcett St.
KI 7-4744
248. Fafnir Bearing Co., The
117 Alewife Brook Pkwy. (40)
UN 4-9890
249. Field Machinery, Inc.
300 Binney St. (42)
EL 4-3331
250. Greene Rubber Co.
99 Broadway
KI 7-7655
251. Hathaway, Electronics, Inc., Glenn M.
238 Main St. (42)
KI 7-8380
252. Hydraulic Engineering Co.
2 Bianche St.
UN 4-7922
253. Interstate Weld. Supply Co.
101 Binney St.
RE 5-5533
254. Johnson Bronze Co.
200 Broadway (39)
UN 4-5640
255. Kaufman's Industrial Hardware Co.
770 Main St. (39)
256. Langley Corp., The
920 Cambridge St.
257. Macalaster Bicknell Co.
243 Broadway at Windsor St. (39)
KI 7-6833

MASSACHUSETTS

258. MacKenzie Machine Co.
173 Second St. (42)
EL 4-7668
259. McKim & Son, Walter M.
238 Main St. (42)
TR 6-4733
260. Mueller Brass Co.
238 S. Main St.
TR 6-1166
261. Pratt & Whitney Co., Inc.
238 Main St. (42)
KI 7-5895
262. Reliance Electric and Engineering Co.
29 Camp St. (40)
TR 6-3570
263. Snyder Associates, Frank
238 Main St.
UN 4-6688
264. Tracy Co., Lewis E.
121 Alewife Brook Pkwy. (40)
TR 6-2300
265. Washburne, C. E.
1900 Massachusetts Ave.
TR 6-4660-6178
266. Welders Supply Co.
351 Vassar St. (39)
267. Wheelock, Lovejoy & Co., Inc.
128 Sidney St. (39)
TR 6-5700
268. Whitehead Metals, Inc.
281 Albany St. (39)
TR 6-4680

CANTON

269. Hughes Appliance & Hardware Co.
300 Randolph St.

CARLISLE

270. Meehan Co., George

CHARLESTOWN

271. Acme Steel Co.
440 Rutherford Ave. (29)
CH 2-4870
272. New England Gas Products, Inc.
27 West St. (29)

CHELMSFORD

273. Morgan, Jr., B. B.
P. O. Box 443
GL 3-4837

CHESTNUT HILL

274. Ottobri, Harold
69 Sherman Rd. (87)
HO 9-0351
275. Phillips, Edward F.
34 Sheafe St.
BE 2-6657

CHICOPEE

276. Lavalley & Ide, Inc.
Grape St.
277. Mosher Co., The
15 Exchange St.
LY 4-9665

CHICOPEE FALLS

278. Trench, George F.
19 Otis St.

CONCORD

279. Mooney, Edward F.
20 Fairhaven Rd.
EM 9-9522

DALTON

280. McKay, Mark C.
Pleasant View Dr.
HI 3-1672

DANVERS

281. Specialty Hardware Distributors
141 Pine St.
282. Veeder-Root, Inc.
83 Elm St.
SP 4-9005

SALES OFFICES

MASSACHUSETTS

DEDHAM

- 283. Casey, R. F. X.
P. O. Box 282
DA 6-5912
- 284. Sinclair-Collins Valve Co.
712 Washington St. (3)
DA 6-7200
- 285. Valvair Corp.
712 Washington St. (3)
DA 6-7200

DORCHESTER

- 286. American Scale & Conveyor, Inc.
365 Neponset Ave. (22)
AV 2-7935
- 287. Weener Co., Geo.
748 Gallivan Blvd. (24)

EAST BOSTON

- 288. Boston Machinery & Tool Co.
78 Lewis St. (28)
LO 7-4200
- 289. Wigglesworth Machinery Co.
60 Border St.
P. O. Box 166 (28)
LO 7-7210

EAST CAMBRIDGE

- 290. Blakeslee & Co., G. S.
Lechmere Sq. (41)
EL 4-4489

EASTHAMPTON

- 291. Crane Packing Co.
2 Admiral St.
Phone: 1434
- 292. Kistler, Howard
22 Park
Phone: 470

EAST LONGMEADOW

- 293. Bay State Bronze and Aluminum Co.
141 Somers Rd.
LA 5-3304
- 294. Bohlín, Herbert
30 Ridge Rd.
LA 5-2562
- 295. Elgin National Watch Co.
10 Pine St.
RE 6-2536
- 296. Lindberg Engineering Co.
P. O. Box 813
LA 5-3689
- 297. Tarbell Associates, Inc., J. C.
18 Maple Ct.
Phone: Springfield LA 5-3350—5-3359
- 298. Weyant, Fred R.
14 Sanford St.
LA 5-7819

EAST WALPOLE

- 299. Knox, Inc.
33 Union St.
MO 8-1270
- 300. Page, Gordon W.
66 Old Post Rd.
MO 8-9782

EVERETT

- 301. Conant, C. S.
99 Jefferson Ave. (49)
DU 7-7093
- 302. Dersoff, Edmund
15 Lawrence St.
DU 9-0289
- 303. Duncan Corp., Henry
15 Victoria St. (49)
DU 7-4800
- 304. Easo Standard Oil Co.
30 Beacham St. (49)
- 305. Mancuso, Salvatore
33 Stuart St. (49)
EV 7-0085
- 306. Middlesex Welding Supply
1655 Revere Beach Pkwy.

FAIRHAVEN

- 307. Roberts, Elliott
79 Laurel St.

FALL RIVER

- 308. Chace & Son, Leonard S.
507 Alden St.
OS 3-2431—2-1189
- 309. Congdon & Carpenter Co., The
583 Bedford St.
- 310. Simon's Supply Co.
116 Pleasant St.
Phone: 9-6431
- 311. Techni-Sociates
71 Montauk
OS 8-6226

FITCHBURG

- 312. Aubuchon Co., W. E.
28-50 Rollstone St.
- 313. Fitchburg Hardware Co.
50 Laurel St.
- 314. Hope Rubber Co.
95 Broad St.

FOXBORO

- 315. Burt, Elmer
E. Maple Pl.
P. O. Box 89
KI 3-6705
- 316. Gafford Supply Co.
90 South St.
FO 8218

FRAMINGHAM

- 317. Barber-Colman Co.
Alexander and Eames Sts.
TR 5-5279
- 318. Ekstrom, Clifford N.
46 Linda Ave.
- 319. Huck Manufacturing Co.
17 Pamela Rd.
TR 2-4420
- 320. Martin, Allan W.
325 Pleasant St.
TR 5-0148
- 321. Power Products Co., Inc.
11 Claffin St.
TR 2-0330
- 322. South Middlesex Supply Co., Inc.
541 Concord St.
TR 2-3531—3
- 323. Topham, J. F.
Singletary La.
TR 3-3958
- 324. White Hardware Co., Inc.
20-36 Hollis St.
TR 3-7642

FRAMINGHAM CENTER

- 324A Norby, R. D.
258 Brook St.
- 324B Russell, Holbrook & Henderson, Inc.
258 Brook St.

GARDNER

- 325. Hage Associates, Inc.
66 Parker St.
GA 3039
- 326. Lynde Hardware Co.
4 W. Lynde St.

GRAFTON

- 327. Brown - Pfau
10 Worcester St.
VE 9-4828

GREENFIELD

- 328. Clark Hardware
- 329. S-H Automation Equipment Co.
21 Spring Ter.
P. O. Box 652
PR 3-5835
- 330. Syntron Connecticut Sales Co.
134 Silver St.
PR 2-6270

- 331. Threadwell Tap & Die Co.
16 Arch St.
PR 4-4336

HATTIESBURG

- 332. Komp Equipment Co., Ltd.
111 E. Pine St.

HAYDENVILLE

- 333. Frost, Minor
High St.
CO 8-7558

HEBRONVILLE

- 334. Sheffield Tool Corp., The
16 Bliss Ave.
AT 1-2423

HINGHAM

- 335. High Vacuum Equipment Corp.
2 Churchhill Rd.
RI 9-2430
- 336. Laramy Products Co.
90 South St.
RI 9-2650
- 337. Parker, T. F.
24 Bel Air Rd.
RI 9-0254
- 338. Richardson, John L.
P. O. Box 125
91 Summer St.
RI 9-4473
- 339. Smith, Jr., W. Arthur
333 Lincoln St.
RI 9-4000

HOLDEN

- 340. Harris Co., F. H.
1129 Main St.
VA 9-4848
- 341. N. Y. & N. J. Lubricant Co.
20 Salisbury St.
VA 9-3244
- 342. Reed Rolled Thread Die Co.
791 Main St.
VA 9-4491

HOLLISTON

- 343. Smith, Roy H.
432 Norfolk St.
GA 9-4761
- 344. Walenar, Inc.
551 Concord St.
- 345. White, John H.
70 Woodland St.

HOLYOKE

- 346. Hope Rubber Co.
155 N. Canal St.
- 347. Russell & Co., Inc., J.
JE 3-3981
- 348. Sun Oil Co.
276 High St.
JE 3-5656

HOPKINTON

- 349. Woodworth, Dwight
Wagon Wheels
Lumber St.
ID 5-4300

INDIAN ORCHARD

- 350. Heggie Co., James
LI 3-4190

JAMAICA PLAIN

- 351. Lubrication Equipment Co.
3374 Washington St. (30)

LAWRENCE

- 352. Treat Hardware Corp.
582 Essex St.
- 353. United Tool & Industrial Supply Co.
239 Market St.

LEICESTER

- 354. Childs Co., Inc., A. S.
26 Marshall
PL 3-9165

LEOMINSTER

355. Gould Industrial Supply Co.
17 Moore St. (1)
356. Leominster Supply, Inc.
89 Lancaster St.
Phone: 4-4956
357. Plas-D-Vision Sales Co.
417 Miriam Ave.
LE 4-9172
358. Tater Machinery
Nashua St.

LEXINGTON

359. Carvill Associates
P. O. Box 261 (73)
VO 2-7776
360. Chester, Albert W.
24 Winchester Dr.,
P. O. Box 44 (73)
VO 2-2636
361. Copp Machine Tools, Frank W.
49 Waltham St.
P. O. Box 292 (73)
VO 2-4406
362. Gillis Co., John R.
112 Pleasant St. (75)
363. Hunt, Inc., Stewart
1942 Massachusetts Ave. (73)
VO 2-2830
364. Rudel Machinery Co., Inc.
16 Winchester Dr.
VO 2-8422
365. Schaaf Associates, Inc.
11 Muzzey St. (73)
VO 2-3578
366. Stewart-Hunt, Inc.
1942 Massachusetts Ave. (73)
VO 2-2860

LONGMEADOW

367. Read, R. P.
30 Warren Ter.
LO 7-7639
368. Rudel Machinery Co., Inc.
75 Roseland Ter. (6)
LO 7-5064
369. Sullivan, Ed
820 Shaker Rd.
LO 7-8182

LOWELL

370. Merrimack Valley Welders Service
207 Moody St.
371. Middlesex Supply Co.
104 Middlesex St.
372. Nebes Supply Co.
37 Shaffer St.
GL 5-5637
- 372A. Ryan, Leary & Tully Sales Co.
29 Ludlam St.

LUNENBURG

373. Neimi Manufacturing Co.
Chase Rd.
JU 2-9951

LYNN

374. Automotive Distributors, Inc.
115 Central Ave.
375. Coast Metal Products
189 Commercial St.
LY 5-1901
376. Corbett & Farrell Co.
160 Chestnut St.
LY 8-9333
377. Delco Products Div.
Box #844
LY 8-1868
378. Lynn Hardware Co.
34-38 Monroe
379. Lynn Mill Supply
49-55 Munroe St.
380. North Shore Hardware Co.
49 Munroe St.
LY 2-7519
381. Wetzel Tool Corp.
385 Eastern Ave.
LY 8-5131

LYNNFIELD

382. Snyder Associates, Frank D.
P. O. Box 158
LY 4-4046

LYNNFIELD CENTER

383. Park Chemical Co.
651 Lowell St.
Phone: Lynnfield Center 4-3390
384. Simpson, Alec
P. O. Box 575
Phone: Lynnfield Center 4-4184

MALDEN

385. Robertson Co., Inc., F. H.
420 Broadway
MA 4-2220

MANCHESTER

386. Pendleton, John F.
29 Sea St.

MARBLEHEAD

387. Hadden, Franklin J.
22 Treat Rd.
NE 8-3213
388. Yale Associates
14 Everett Paine Blvd.
NE 2-0068

MARSHFIELD

389. Woodward, R. C.
Tupelo Rd., Holly Ridges
P. O. Box 313
TE 4-6254

MATTAPOISETT

390. Sawyer, Marshall M.
P. O. Box 443

MEDFIELD

391. Milligan Co., T. P.
Noon Hill Rd.

MEDFORD

392. Allis Co., The Louis
200 Mystic Ave. (35)
EX 6-4375
393. Boshco, Inc.
200 Boston Ave. (35)

MELROSE

394. Hatch Co., Inc., Emery B.
43 Upham St. (76)
395. Henchey, Harold L.
30 Elmcrest Cir. (76)
396. Pike, Gilbert L.
370 Upham St.
ME 4-6941

MERRIMAC

397. Hunter Spring Co.
105 River Rd.
FI 8-9764

MILTON

398. Graves, E. E.
90 Emerson Rd.
BL 8-5013
399. Reilly, Jr., John A.
37 Sheridan Dr. (86)

NATICK

400. Bellows Co., The
1085 Worcester St., Route 9
CE 5-5703
401. Brush Instruments
677 Worcester St.
OL 3-8850
402. Miller Electric Manufacturing Co.,
Inc.
16 Hampton Rd.
OL 3-1676
403. Savery Tool Sales
45 Main St.
OL 3-1700

MASSACHUSETTS

NEEDHAM

404. Crane Packing Co.
1116 Great Plain Ave. (92)
HI 4-7458
405. Diehl Manufacturing Co.
360 First Ave. (94)
HI 4-4880
406. Gately, John J.
P. O. Box 111 (92)
HI 4-3342
407. Lincoln Electric Co., The
1275 Highland Ave.
HI 4-4370-4371
408. Martin, Edward T.
68 Melrose St.
HI 4-1187
409. Nolan, D. H.
443 Great Plain Ave. (92)
HI 4-3526
410. Norfolk Industrial Supply & Rubber
Corp.
1404 Highland Ave. (92)
NE 3-5043
411. Pearce-Pearson Co.
945 Great Plain Ave. (92)
NE 3-1090
412. Phipps Machinery Co.
1237 Highland Ave. (92)
HI 4-7045
413. Powell, Robert E.
366 Warren St. (92)
HI 4-0428
414. Warner & Swasey Co., The
20 Chestnut St.
P. O. Box 215 (92)
HI 4-2124
415. Whitney Co., L. A.
50 Kearney Rd. (92)
HI 4-5050

NEEDHAM HEIGHTS

416. Abely, William
1082 Highland Ave. (94)
NE 3-2421
417. Armstrong Cork Co.
200 First Ave. (94)
418. Maxwell-Padelford Co., Inc.
17 Brook Rd. (94)
HI 9140
419. Reeves Pulley Co.
70 Highland Ave. (94)
HI 4-4280

NEW BEDFORD

420. Boyle, William J.
50 Valentine St.
WY 6-6274
421. Corp Brothers, Inc.
74 N. Second St.
422. Handy Co., Inc., Jonathan
38 Bethel St.
WY 7-9457
423. Industrial Supply & Engineering Co.
700 Kempton St.
WY 7-0703
424. Machinery Sales Corp.
23 Elm St.
WY 7-9466
425. Revere Copper and Brass, Inc.
24 N. Front St.
426. Russell, Milhench & Harrison Co.
466 Acushnet Ave.
WY 5-7436

NEWTON

427. Bacon Co., Robert
272 Center St. (58)
BI 4-4650
428. Black & Webster Sales
445 Watertown St. (58)
BI 4-6370
429. Engineering Sales Corp.
P. O. Box 59
CE 7-9590
430. Hardinge Brothers, Inc.
390 Centre St. (58)
DE 2-7650

SALES OFFICES

MASSACHUSETTS

NEWTON (cont.)

431. Morris Co., Robert E.
P. O. Box 68 (95)
DE 2-7997
432. Rollway Bearing Co., Inc.
89 Elmwood St. (58)
DE 2-7246
433. Walley, H. H.
29 Buswell Park (58)
LA 7-5681

NEWTON CENTRE

434. Chasen & Co., H. D.
20 Brandeis Rd. (59)
BE 2-6621
435. Fuller, Norman W.
75 Union St., Box C (59)
BI 4-7200 or 4-7201
436. Minnesota Mining & Manufacturing Co.
1330 Centre St. (59)
DE 2-9810

NEWTON HIGHLANDS

437. DoALL Boston Co.
22 Needham St. (61)
DE 2-6270
438. Kinco
78 Winchester St. (61)
439. Producto Machine Co., The
45 Kenneth St. (61)
DE 2-8152
440. Williams & Son, John E.
50 Needham St. (61)
BI 4-0295

NEWTON LOWER FALLS

441. Engineering Sales Corp.
P. O. Box 59
2300 Washington St. (62)
CE 7-9590
442. Sterling Electric Motors, Inc.
47 River St.
P. O. Box 39 (62)
CE 7-9790

NEWTONVILLE

443. Cuno Engineering Corp., The
815 Washington St. (60)
BI 4-8002
444. De Wyk & Co., Inc., L. Heres
246 Walnut St. (60)
LA 7-6397
445. Rudel Machinery Co., Inc.
23 Bemis St.
LA 7-3212
446. Suburban Welders Supply
14 Bailey Pl. (60)
447. Waller, Robert P.
246 Walnut St. (60)
LA 7-6397

NORTH ATTLEBORO

448. DeLucia, Frank
Washington Park
MY 9-4428
449. Franklin Tool Sales
P. O. Box 1104
FR 1468

NORTHBORO

450. Machinery Electrification, Inc.
56 Hudson St.
PL 6-7144
451. Woodbury, V. P.
88 Oak Ave.
EX 3-8695

NORTH BROOKFIELD

452. Cooke, Inc., Frank
VO 7-2892

NORTH DARTMOUTH

453. Purrington, Henry
4 Costa St.

454. Thorley, Francis
Box 81, Hixville Rd.
WY 4-6246

NORTH GRAFTON

455. Sterling Sales, Inc.
780 Grafton St.
P. O. Box H
PL 7-0890

NORTH QUINCY

- 455A. Boston Gear Works
Div. Murray Co.
456. C G S Equipment Co.
P. O. Box 124 (71)
QR 2-4630
457. Wright, J. E.
136 Elliot Ave. (71)
QR 2-4365

ORANGE

458. Dowd Supply Co.
323 N. Main St.
KI 4-3030
459. Home Supply Co.
22 N. Main St.

PEABODY

460. Boyle Machine & Supply
36 Walnut St.
JE 1-1920
461. Gagnon & Co., R. L.
24 Main St.
JE 1-6205

PITTSFIELD

462. Berkshire Mill Supply Co.
463. Carr Supply Co.
547 North St.
464. Electric Supply & Repair Co., Inc.
48 Pearl St.
HI 2-1539
465. Pittsfield Supply Co.
501 North St.
466. Robbins-Gamwell Corp.
88 West St.

QUINCY

467. Surface Combustion Corp.
1230 Hancock St. (69)
PR 3-9800
468. Tubular Rivet & Stud Co.
Weston Ave. (70)
PR 3-1776

RAYNHAM CENTER

469. Kenney, W. P.
Kenney Rd.

READING

470. Berg, Lawrence F.
16 Richards Rd.
RE 2-3257
471. Brailford, Paul
46 Oake St.
472. Lougee, John H.
22 Gleason Rd.
RE 2-4094
473. Magna Engineering Sales Co.
166 Prescott St.
RE 2-3145
474. Standard Gage Co., Inc.
88 Main St.
RE 2-1745

REVERE

475. Harkins, Charles E.
149 Washington Ave.
RE 8-4534-W

ROXBURY

476. Ken-Line Products
85 Centre St. (19)
HI 2-7010

SALEM

477. Forbes Engineering
19 Flint St.
PI 4-1093

SAUNDERSVILLE

478. Messler, F. J.
90 Elmwood St.
VE 9-2129

SHERBORN

479. Sherrill, Russell P.
Middlesex County Farm Rd.
OL 2-5867

SHREWSBURY

480. Campbell Machine & Tool Sales Co.
34 Ferncroft Rd.
VI 2-6610
481. Lincoln Electric Co., The
44 Edgewood Rd.
VI 2-8452
482. Walent, Peter J.
89 Crescent St.
VI 2-6278
483. Winslow, Jr., Harry P.
Quinsigamond Ave.

SOMERVILLE

484. Baylies Co.
173 Walnut St. (45)
PR 6-7775
485. Diversey Corp., The
99 Elmwood St. (44)
MO 6-0860
486. Foley, John A.
99 Highland Ave.
SO 6-0098
487. Porter, H. K.
488. Pump Equipment & Engineering Co.
79 Prospect St. (43)
MO 6-4444

SOMMERSET

489. Wright, Al
338 Westhill Ave.
OS 2-5402

SOUTH BOSTON

490. Baker Bros., Inc.
564 E. First St. (27)
491. Boggs Supply Co.
35 Damrell St. (27)
492. Ross Cutter & Machine Co., Inc.
116 "B" St. (27)
AN 8-2292
493. Thaxter-Boggs Co., Inc.
35 Damrell St. (27)

SOUTH BRAINTREE

494. Ross, Harold
1809 Washington St. (85)

SOUTHBRIDGE

495. Winter Co., G. C.
344 Main St.
PO 4-2344

SOUTH DARTMOUTH

496. Belmont, Robert I.
P. O. Box 52
Phone: New Bedford 4-4835

SOUTH HADLEY

497. Atwater, Kenneth
18 Sycamore Knoll

SOUTH HAMILTON

498. May, Robert L.
269 Linden St.
HA 1175W

SOUTH NATICK

499. Cornwell Tool Co., The
52 Eliot St.

SOUTH WEYMOUTH

500. Anderson Co., Lars
P. O. Box 125 (90)
ED 3-0440
501. Breivogel, Herbert
Box 101
HI 6-1728

SPRINGFIELD

502. Abrasive & Tools
749 Liberty St. (1)
RE 6-1463
503. Allegheny Ludlum Steel Corp.
469 Taylor St. (1)
RE 4-4996
504. Allen-Bradley Co.
172 Chestnut St. (3)
RE 2-3430
505. Aluminum Co. of America
508 Tarbell-Watters Bldg. (3)
ST 8-4545
506. American Saw & Manufacturing Co.
67 Boylston St. (1)
RE 2-1114
507. Anderson, John M.
292 Worthington St. (3)
RE 4-1335
508. Bellows Co., The
182 State St. (3)
SF 9-3903
509. Beryllium Corp., The
292 Worthington St.
RE 4-7584
510. Carlisle Hardware Co.
1548 Main St. (2)
RE 4-3171
511. Cassidy Co., J. H.
P. O. Box 863 (3)
Phone: 4-3632
512. Chain Belt Co.
32 Park St. (3)
RE 6-2737
513. Colson Corp., The
1387 Main St.
RE 7-4282
514. Crucible Steel Co.
116 Liberty St.
P. O. Box 248 (3)
RE 2-5158
515. Cushing, Inc., T. F.
P. O. Box 2049
1026 Bay St. (1)
ST 8-7341
516. Foss Co., W. J.
P. O. Box 2249 (1)
RE 7-0206
517. Gardner Machine Co.
1238 Parker St. (9)
ST 2-2929
518. General Electric Co.
1387 Main St. (3)
RE 4-5606
519. Graves Co., R. S.
1089-1107 Columbus Ave.
RE 6-5497
520. Hannifin Co.
820 State St. (9)
RE 6-0814
521. Hay, Gordon T.
129 Sumner Ave.
RE 4-5990
522. Houghton & Co., E. F.
P. O. Box 665
ST 8-7077
523. Industrial Equipment & Supply Co.
423 Main St.
RE 4-1196
524. Ingersoll-Rand Co.
48 Donbray Rd.
ST 2-9409
525. Jaeger Welding Supply Co.
2040 Columbus Ave. (4)
RE 2-7493
526. Kennametal, Inc.
758 Sumner Ave. (8)
RE 4-1120-8
527. Lewis Co., The Charles C.
209 Page Blvd.
RE 3-2121
528. MacBriar, Arthur H.
P. O. Box 223
Forest Park
LO 7-3635
529. McManus, G. J.
64 Forest Park Ave.
530. Miller & Son Co., Charles
27 William St.

531. Moto Sales Co.
509 Allen St. (8)
532. Pangborn Corp.
121 Lyman St. (3)
RE 3-2077
533. Perkins Co., The James A.
Springfield National Bank Bldg.,
Rm. 515 (3)
RE 3-4728
534. Pioneer Tool Supply Co.
748 Columbus Ave.
RE 9-3585
535. Riel Hardware & Mill Supply, Inc.
123-129 Dwight St.
RE 3-6857
536. Smith Co., Beverly D.
18 Benton St.
537. Springfield Industrial Trucks, Inc.
116 Nursety St.
P. O. Box 97
538. Stacy Supply Co.
43 Taylor St. (3)
RE 3-3161
539. Standard Engineering Co.
58 Roy St.
540. Standard Industrial Supply Co.
246 Chestnut St.
RE 9-7311
541. Tri-State Industrial Supply
304 Belmont Ave. (8)
RE 3-6262
542. United Plumbing Supply Co.
210 Hickory St.
543. Wetzel Tool Sales Co.
KEN 9025

STONEHAM

544. Forrest, J. J.
429 William St. (80)
ST 6-2558
545. Fraser, George
6 Dewitt Rd. (80)
ST 6-2754

STOUGHTON

546. Dague, Cliff
307 Lincoln St.
PI 4-9347
547. Novick, Stan
292 Chemung St.

SUDBURY

548. Methods Associated
120 Union Ave.
HI 3-8911

TAUNTON

549. Reeder Co., John S.
46 Davis St.

THREE RIVERS

550. Liberty Tool & Supply, Inc.
Bridge St.
PA 1100

TURNERS FALLS

551. Gulow & Co., Inc., E. M.

WABURN

552. Brodie Industrial Trucks, Inc.
299 Mishawm

WAKEFIELD

553. Central Engineering & Equipment Co.
P. O. Box 107
CR 9-0308
554. Chisholm, Donald
22 Pierce Ave.
CR 9-0155M

WALTHAM

555. Bowley, Robert
201 Ash St.
TW 3-1876
556. Brady Co., W. H.
375 Moody St. (54)
TW 3-8390

MASSACHUSETTS

557. Jones & Lamson Machine Co.
751 Main St.
TW 4-7030, 31, 32
558. Lund Manufacturing Co.
8 Music Hall Ave. (54)
559. McAlonan, T. J.
25 Grant St.
TW 4-5854
560. Mendelsohn, Inc.
469-473 Moody St. (54)
561. Niagara Machine & Tool Works
500 Main St. (54)
TW 3-0052
562. Richardson Co., The
14 Spring St., Rm. 210
TW 4-6904
563. Servocontrol Div.
679 Main St. (54)
TW 4-0489
564. Stinehour, Russell R.
164 Chestnut St. (54)
565. Waltham Grinding Wheel Co.
120 Bacon St.
566. Waltham Machine Works, Inc.
54 Sun St. (54)
TW 3-0508

WATERTOWN

567. Hope Rubber Co.
128 Arlington St. (72)
568. Mallory & Co., Inc., P. R.
118 Main St.
WA 4-2214
569. Manning, Maxwell & Moore, Inc.
65 Grove St.

WAYLAND

570. Dorey, Robert J.
107 Old Sudbury Rd.
TW 3-7453

WEBSTER

571. Lanman Sales Co.
10 Ardlock Pl.
WE 1727
572. Webster Machine Products
P. O. Box 92

WELLESLEY

573. Brewer, George H.
14 Oakdale Ave.
CE 5-4489
574. Brown Machinery Co., R. S.
14 Benton St. (81)
CE 5-4549
575. Chicago Rawhide Manufacturing Co.
572 Washington St.
CE 5-6721
576. Collatz Co., G. T.
473 Washington St.
CE 7-0831
577. Engineering Sales Corp.
1 Proprietors' Wy.
CE 7-9590
578. Metallurgical Products Co.
5 Halsey Ave.
579. Sheldon Co., A. B.
471 Washington St. (81)
CE 5-0393

WELLESLEY HILLS

580. Automation Components Co.
P. O. Box 115 (81)
CE 5-3334
581. Brown, I. C.
200 Oakland St.
CE 5-7931
582. Bullard Co., The
336 Washington St.
CE 5-1825
583. Cincinnati Milling and Grinding
Machines, Inc.
336 Washington St. (81)
CE 5-4670
584. Edmonds, Larry
Box 115 (81)
CE 5-3334

SALES OFFICES

MASSACHUSETTS

WELLESLEY HILLS (cont.)

- 585. Exolon Co., The
47 River St. (82)
- 586. Fox Engineering Co.
13 Eaton Ct. (82)
WE 5-4195
- 587. Haddrell Corp.
54 Washington St. (82)
WE 5-5636
- 588. Leland-Gifford Co.
P. O. Box 69
CE 1-3354
- 589. Long Associates, Inc., Lee H.
54 Washington St.
CE 5-9490
- 590. MacDermid, Inc.
59 Thackeray Rd. (81)
CE 5-1701
- 591. Marathon Electric Manufacturing Corp.
254 Washington St. (82)
WE 5-6868
- 592. National Automatic Tool Co., Inc.
P. O. Box 96
336 Washington St. (82)
CE 5-5237
- 593. Reliance Electric and Engineering Co.
384 Washington St. (82)
CE 5-6790
- 594. Young & Assoc., Inc., W. Wirt
P. O. Box 158 (81)
CE 5-3529

WESTBORO

- 595. Draper, John
Court and Drive
- 596. Jones, Richard W.
98 Wood St., R. F. D.
TR 2-4849
- 597. Manufacturing Supplies, Inc.
P. O. Box 336, Boston Turnpike
PL 2-4602
- 598. Weber, Edward
Rural Box 459, Route 1
FO 6-4578

WEST CONCORD

- 599. General Radio Co.
22 Baker Ave.
EM 3-4400

WESTFIELD

- 600. Bendix Industrial Controls Section
23 Church St.
- 601. Copp, Frank W.
Box 12
- 602. Gaylord, Richard N.
P. O. Box 433
- 603. Industrial Controls Section
23 Church St.
LO 2-6575
- 604. Vitrified Grinding Wheel Co.

WEST MEDFORD

- 605. Aro Equipment Corp.
46 Dover St.
EX 3-4178

WEST NEWTON

- 606. Automatic Switch Co.
1447 Washington St. (65)
LA 7-5700
- 607. Church Co., Nelson R.
99 Elm St.
BI 4-6165
- 608. Parker Co., Frank A.
99 Elm St.
BI 4-2970
- 609. Peck Corp., E. T.
1191 Washington St. (65)
LA 7-7571
- 610. Shepard Equipment Co.
256 Highland St. (65)
BI 4-6744

- 611. Wickersham & Co., Wm. B.
1449 Washington St. (65)
BI 4-4020

WESTON

- 612. Boden, Marston H.
271 Glen Rd. (93)
- 613. Drowne Machinery Association
P. O. Box 276 (93)
TW 4-9277
- 614. Taylor, George
5 Granison Rd. (93)
TW 3-8038
- 615. Tri-State Industrial Supply
P. O. Box 204 (93)
TW 3-1332

WEST SPRINGFIELD

- 616. Abrasives & Tools, Inc.
131 Wayside Ave.
RE 3-5155
- 617. Carborundum Co., The
233 River St.
RE 9-7361
- 618. Hanson-Van Winkle-Munning Co.
102 Ely Ave.
RE 4-5416
- 619. Knox, Inc.
528 Main St.
ST 8-9691
- 620. Page Co., Inc., Kenneth B.
140 Baldwin St.
RE 6-2673
- 621. Peaslee-Wells, Inc.
P. O. Box 149,
1285 Riverdale St.
RE 3-6648
- 622. Tek Bearing Co., Inc.
536 Main St.

WESTWOOD

- 623. Bowser, Inc.
25 Southwest Park
DA 6-6440
- 624. Byron, G. W.
77 Greenhill Rd.
NO 7-2878
- 625. Gibney, John F.
Barlow Bldg.
571 High St.
DA 6-7100-6-7101
- 626. Sheehy, Leonard W.
Haslam Bldg., 727 High St.
DA 6-5665
- 627. Smith Associates, Russel E.
98 Green Hill Rd.

WILBRAHAM

- 628. Brown Machinery Co., R. S.

WILKINSONVILLE

- 629. Worcester Deburring Co.
Mill St.
UN 5-2768

WINCHESTER

- 630. Bacon, Frederick S.
P. O. Box 58
881 Main St.
WI 6-0864
- 631. Campbell, C. R.
P. O. Box 83
WI 6-4291
- 632. Farrell, Gordon
6 Sargent Rd.
PA 9-1668
- 633. Rozett, William
29 Wildwood St.

WOBURN

- 634. Brodie Industrial Trucks, Inc.
299 Mishawana Rd.
- 635. Industrial Filters & Equipment Corp.
11 Minchin Dr.
WO 2-1714

WOOSTER

- 636. Sterling Sales, Inc.
787 Main St. (10)
PL 7-0800

WORCESTER

- 637. Adams Corp., Elwood
154-156 Main St. (8)
PL 2-7534
- 638. Advance Bearing & Supply Co.
9 May St.
PL 6-2459
- 639. Air Reduction Sales Co.
88 Prescott St. (5)
- 640. Aluminum Co. of America
22 Pleasant St. (8)
PL 7-8371
- 641. Austin-Hastings Co., Inc.
318 Shrewsbury St. (4)
PL 6-2415
- 642. Bellows Co., The
20 Houghton St.
FL 7-5909
- 643. Bischoff Chemical Corp.
150 Ararat St.
- 644. Blake, Inc., George F.
198 Mechanic St. (8)
- 645. Blakeslee & Co., G. S.
89 Prescott St. (5)
SW 8-3876
- 646. Botwinik Bros. of Massachusetts, Inc.
2 Sherman St. (1)
PL 6-5175
- 647. Bowker-Hamlin-Malmquist, Inc.
315 Grove St. (5)
Phone: 2-2817
- 648. Braeburn Alloy Steel Corp.
1051 Southbridge St. (10)
PL 7-4533
- 649. Brierly, Lombard & Co.
107 Foster St.
PL 6-4325
- 650. Brodie Industrial Trucks, Inc.
58 S. W. Cut Off
- 651. Burton Saw Co.
91 Foster St. (8)
PL 5-4379
- 652. Childs Co., A. S.
55 Millbrook St. (6)
PL 2-5500
- 653. Colonial Machinery
84 Central St.
- 654. Colson Corp., The
1 High St. (8)
PL 4-3635
- 655. Cook, John
37 Indian Hill Rd. (6)
PL 5-1418
- 656. Electrosteam Corp.
55 Millbrook St.
PL 3-2755
- 657. Erickson Tool Co.
55 Millbrook St.
PL 4-7411
- 658. From, G. E.
6 St. Elmo Rd., R. R. 1
SW 9-5073
- 659. Gartrell, I. J.
926 Pleasant St. (2)
PL 7-4220
- 660. General Electric Co.
288 Grove St. (5)
PL 2-3741
- 661. Grant, B. T.
394 Massasoit Rd.
- 662. Hall Co., Arthur S.
P. O. Box 36, West Side Sta.
Phone: 3-2767
- 663. Hall and Co., E. C.
96 Dewey St. (10)
- 664. Heald Machine Co.
10 New Bond St. (6)
PL 5-3191
- 665. Houston, Raymond J.
64 Francis St. (6)
SW 9-0336
- 666. Industrial Supplies of Worcester
212 Summer St.
PL 7-6351
- 667. Industrial Systems Co.
55 Millbrook St. (5)
PL 3-6745
- 668. Koebel Diamond Tool Co.
677 Cambridge (10)
PL 6-6251

SALES OFFICES

669. Leavitt Co., Joseph
22 Commercial St.
670. Lincoln Supply Co.
340 Main St.
PL 2-0623
671. Linco, Inc.
765 W. Boylston St. (6)
PL 6-4637
672. MacDuff Co., Howell
91 Prescott Ave.
PL 4-6738
673. Manufacturing Supplies, Inc.
175 Mechanic St. (8)
674. Mill and Factory Supplies, Inc.
205 Summer St. (8)
PL 7-7785-6-7
675. New England Tool Supply Co., Inc.
529 Sunderland Rd. (4)
PL 4-8250
676. Norton Behr-Manning Overseas, Inc.
(6)
677. Parsons Diamond Products, Inc.
57 Millbrook St. (6)
PL 2-5500
678. Pratt and Inman (8)
PL 6-8592
679. R. & H. Machinery, Inc.
1055 Southbridge St. (3)
680. Ramsdell Industrial Supply Co.
61 Milton St.
P. O. Box 728 (1)
PL 5-3188
681. Rudel Machinery Co., Inc.
152 Russell St.
P. O. Box 366 (1)
PL 2-1371
682. Russell, Holbrook & Henderson, Inc.
6 St. Elmo Rd.
SW 9-5073
683. Steele Co., Inc., W. M.
171 Fremont St.
PL 7-3821
684. Sun Oil Co.
165 Boylston St. (6)
PL 6-7139
685. Tek Bearing Co., Inc.
50 Portland St.
PL 2-1976
686. Terpo Co., C. T.
23 Eagle Rd. (5)
PL 3-1166
687. Torrington Co., The
340 Main St. (8)
SW 9-7908
688. Ultra Hard Metal Products Co.
69 Hammond St. (3)
689. United Machinery & Tool Corp.
81 Thomas St.
PL 6-7171
690. Universal-Cyclops Steel Corp.
15 Sagamore Rd. (5)
PL 6-3563
691. Vickers, Inc.
522 Park Ave. (3)
SW 8-3704
692. Waite Hardware Co.
189 Front St. (8)
PL 3-8161
693. Washburn-Garfield Co.
171 Commercial St.
PL 5-3124-5-6
694. Welders Supply of Worcester
21 Garden St. (5)
PL 7-4529
695. Worcester Oxy-Acetylene Supply Co.
1000 Southbridge St. (3)
696. Woodis Industrial Supply Corp.
131 Central St. (8)

WRENTHAM

697. Scott, William H.
41 Woolford Rd.

MICHIGAN

ADA

1. Ren Plastics, Inc.
Route 1
OR 6-1161

ADRIAN

2. Beal Supply Co.
921 S. Main St.
CO 5-5193
3. Clark, Herbert R.
2535 Airport Rd.
CO 3-1510
4. Detrex Chemical Industries, Inc.
1235 E. Beecher St.
CO 5-2522
5. Jackson Welding Supply Co.
438 College Ave.
6. Supplies, Inc.
302 Tecumseh St.
CO 5-7141
7. Utility & Industrial Supply Co.
702 E. Maumee St.

ALBION

8. Blugerman, Al
P. O. Box 305
NA 9-4539

ALLEN PARK

9. Shepherd, George
6640 Rosedale
WA 8-6787

ALPENA

10. Alpena Supply Co.
110 11th Ave.
EL 4-2181
11. Diamond Saw Works, Inc.
NA 7-2021
12. M & H Supply Co.
349 N. Second Ave.
13. Thunder Bay Manufacturing Corp.
Tenth and McKinley Sts.
EL 4-3181

ANN ARBOR

14. Bellows Co., The
330 Municipal Court Bldg.
NO 3-3717
15. Eberbach & Son Co.
206 E. Liberty St.
16. Farrel-Birmingham Co., Inc.
1806 Hanover Rd.
NO 2-5978
17. Obce, Mill T.
860 Arlington Blvd.
Phone: Detroit WE 3-4801
18. Royal, Inc.
4705 Washtenaw Rd.
P. O. Box 623
Phone: 3-8561

AUGUSTA

19. Industrial Tool Service
490 Allendale Beach, Rte. 1
MA 9-9374

BANCOR

20. Wesson Co.
R. #1, 410 Woodland Dr.
BA 5431

BATTLE CREEK

21. Central Tool Supply Co.
223 E. Michigan Ave.
WO 2-5517
22. Detrex Chemical Industries, Inc.
121 E. State St.
WO 5-5167
23. Gage Co.
Box 1080
WO 5-5104
24. General Electric Co.
607 Security National Bank Bldg.
WO 2-5421
25. Kendall Industrial Supplies, Inc.
125 Grand Trunk Ave.
WO 2-4088
26. Kendall Mill & Hardware
225 W. Michigan Ave.

MICHIGAN

27. Reynolds Metals Co.
609 Security National Bank Bldg.
WO 2-9579
28. Sherman, L. K.
503 Post Bldg.
WO 3-3012

BAY CITY

29. Anderson, Ted
711 Lafayette
30. Jennison Hardware Co., The
901 N. Water St.
31. K-C Welding Supply Co.
1207 18th St.
TW 5-5806
32. Kober Sales Engineering Co.
506 S. Chilton
TW 2-2629
33. Lincoln Electric Co., The
2131 Center St.
Phone: Bay City 7-3020
34. Lowery Co., The
701-707 Saginaw St.
TW 3-6321
35. Meisel Hardware & Supply Co.
1008-12 N. Water St.
Phone: 4557
36. Merritt Tool & Supply Co.
1513 Columbus Ave.
TW 3-4547
37. Schmidt Machine Sales
302 Harrison St.
TW 2-3607
38. Stover, Arthur D.
3149 Old Kawkawlin Rd.
TW 2-6788

BENTON HARBOR

39. Brammell Supply Co.
200 Water St.
WA 6-2111
40. Industrial Equipment & Supply Co.
211 W. Main St.
WA 6-6195
41. Jackson-Fotsch Co.
P. O. Box 356
WA 5-7266
42. Kendall Industrial Supply
407 S. Fair Ave.
WA 5-0005
43. Newhouse, Harold W.
P. O. Box 356
BE 5-7266

BERKLEY

44. Freeborn, Eugene C.
811 Columbia Rd.
FE 8-3108
45. M-C Sales
3966 W. 11 Mile Rd.
LI 7-3635
46. Reich, T.
2482 Cummings Ave.
LI 1-6897
47. Reliance Electric & Engineering Co.
2734 W. 11 Mile Rd.
LI 8-8000
48. Roberts, James W.
3681 Kipling St.
Box 1025
LI 2-3891
49. Thredco Co.
3842 11 Mile Rd.
LI 5-6363

BIRMINGHAM

50. Abbey Etna Machine Co.
6915 E. Dartmoor Rd.
MA 5-5344
51. Alemite Co.
950 Maple Rd.
52. Allison-Campbell Div.
741 Westbourne Dr.
TW 1-8810
53. Bristol Brass Corp., The
644 N. Woodward Ave.
MI 6-7133

SALES OFFICES

MICHIGAN

BIRMINGHAM (cont.)

54. Carpenter Co., Bert
261 Briggs Bldg.
MI 4-5858
55. Chamberlin, Edward B.
4539 Burnley Dr.
56. DuBois, J. C.
2771 Derby Rd.
MI 6-1743
57. Durston, M. H.
2258 Pine St.
MI 6-6144
58. Edmonds Machinery Sales, Inc.
187 S. Woodward Ave., Rm. 203
MI 6-5056
59. Electro-Alloys Div.
P. O. Box 21
JO 6-3811
60. Empire Tooling Associates
148 S. Woodward Ave.
61. ESNA
2480 W. Maple Rd.
MI 6-6709
62. Fanco Machine Co.
148 Pierce St.
MI 6-7990
63. Fortune & Son, J. R.
446 N. Woodward Ave.
64. Gabori, Richard F.
24336 Deauville Rd.
MI 6-9652
65. Gardulaki, E. J.
19442 Middlesex Ave.
EL 6-1069
66. Goudie Co., Charles W.
1896 Shipman Blvd.
MI 6-0636
67. Green, Robert A.
1030 Covington
ML 4-5958
68. Hallad, John
8461 Buxton Dr.
MA 6-6298
69. Hamilton, H. G.
8579 Franklin Rd.
MA 6-3021
70. Industrial Models, Inc.
1847 Bates
71. Iversen Sales Co.
P. O. Box 178
UN 4-6953
72. Lemon & Associate, Clayton H.
23630 W. 13 Mile Rd.
MI 6-5675
73. Lynch, John C.
18720 Autumn La.
MI 4-2973
74. Magnethermic Corp.
1025 E. Maple Ave., B7
GR 5-4110
75. Matthews-Wallace & Co.
1100 N. Woodward Ave.
Box 62
76. Miller, Raymond E.
5545 Putnam Dr.
MA 6-1906
77. Mitchell Co., Clarence B.
1260 Buckingham Rd.
JO 6-3918
78. Olsen Co., T. E.
16211 Locherbie
MI 6-5956
79. Pearson, E. A.
1130 Stanley Ave.
MI 4-4196
80. Peters, Robert
1010 S. Glenhurst
MI 4-8320
81. Potter, Jr., Horace W.
31606 Auburn Dr.
MI 7-0643
82. Ryan, Robert B.
Jaikins Bldg., Suite 212
JO 6-3826, MI 6-8020
83. Schlachter, H. T.
820 Yarmouth
MI 4-4170

84. Semple, H. Grant
1847 Bates
MI 6-8354
85. Skidmore Gear Co.
650 N. Woodward Ave.
86. Wallace Co., The Richard
1100 N. Woodward Ave.
P. O. Box 62
MI 6-4244
87. Wilson, Jr., R. D.
2226 Derby Rd.
88. Wyatt, Robert C.
Box 177
231 S. Glenhurst
MI 4-7706

BLOOMFIELD HILLS

89. Saunders, S. Gordon
Orchard Ridge Rd.
MI 6-5725
90. Zucker, Myron
708 W. Long Lake Rd.
MI 6-1270

BRIDGEPORT

91. Revere Industrial Engineering
6273 Dixie Hwy.
PL 5-7729

CADILLAC

92. Johnson Hardware Co.
PR 5-5841

CENTERLINE

93. Brant & Cochran Tool Supply
8044 E. 10 Mile Rd.
SL 7-4110
94. McKinley, Charles R.
27709 Hoover Rd.
SL 7-6160
95. Tool Grinding Service & Supply Co.
25189 Ryan
SL 7-9199

CHESANING

96. Adams, Everett
17212 Sharon Rd.
VI 5-3446

CLARKSTON

97. Boadway, Elmer J.
7480 Deer Lake Rd.
MA 5-3676
98. Jyleen Machinery Sales, Jack
MA 5-7441
99. Rose, Arthur L., Jr.
7902 Dixie Hwy.
MA 5-5551
100. Strother, Frank V.
P. O. Box 95
MA 5-4151

CLAWSON

101. Munyan, Ralph K.
649 Phillips St.
JU 8-2535

COLDWATER

102. Doan, Clarence
Rural Box 408A
CO 90F4

COMSTOCK PARK

103. Wempa, Edward T.
747 Seven Mile Rd.
EM 1-2883

CORUNNA

104. Allied Steel Products Div.
110 E. Mack St.

DAVISBURG

105. Mahar, Clarence J.
Route #1
MA 5-3171

DEARBORN

106. Anderson, John
4160 Dudley Ave.
LO 2-6105
107. Bausch & Lomb Optical Co.
20200 W. Outer Dr. (S)
LO 1-8860
108. Beryllium Corp., The
5649 Van Born Ct. (9)
CR 8-9300
109. Bryant, Harry J.
15739 Longmeadow
LU -9604
110. Burnham, R. C.
1848 Mayburn
CR 8-4664
111. Carrier Corp.
5301 Oakman Blvd.
LU 4-2701
112. Colson Equipment Co.
14665 W. Warren Ave.
113. Courtney, John W.
401 S. Highland Ave.
LO 1-0454
114. Darnell & Diebolt Co.
15234 Michigan Ave.
115. Dearborn Machinery Movers Co.
3800 Maple Ave.
LU 2-3300
116. Del's Tumbling Service
232 N. Rosemary
LO 2-5537
117. Diener Co., Ernest E.
4779 Korte Ave.
118. Electra Motors, Inc.
8441 Glengary
LO 3-5600
119. Goldman & Co., Harvey
3900 Schaefer Hwy.
TI 6-4450
120. Gottsman Machinery Co.
13325 Leonard St. (2)
LU 1-3800
121. Gray Equipment Sales Co.
13600 Ford Rd.
TI 6-7574
122. Grip Nut Co.
22285 W. Michigan Ave.
LO 5-0615
123. Helse Co., W. F.
144 Beechmont Ave.
LO 3-8847
124. Huron Machine Products
6252 Monroe Blvd.
125. James Engineering & Machinery Co.
2421 Monroe Blvd.
126. Johnson Manufacturing Co., Wm.
1100 N. Telegraph Rd. (7)
LO 1-6668
127. Kimmel, H. M.
8838 Vernon Rd.
LA 3-4190
128. Little Co., R. S.
P. O. Box 4072, N. E. Sta.
10401 W. Warren Ave. (1)
LU 4-9550-1
129. McKenna Sales Co.
24141 Ann Arbor Trail (6)
LO 5-2808
130. McMullen Tool Supply Co.
12720 Ford Rd.
LU 4-8700
131. Miller Electric Manufacturing Co.
705 S. Highland
LO 3-8772
132. Quint-Alloy Corp.
24141 Ann Arbor Trail
LO 5-2600
133. Reed-Prentice Div.
23705 Michigan Ave.
LO 3-4639
134. Rheault, Robert L.
8533 Rockdale
CR 8-1370
135. Robb-Lee Co.
2547 Monroe Blvd.
LO 5-4300
136. Sinclair Refining Co.
10455 Ford Rd.
P. O. Box 488

SALES OFFICES

MICHIGAN

137. Sommerfeldt & Co.
P. O. Box 2294
22057 Garrison Ave. (7)
LO 5-3050
 138. Trombly, Harold J.
10641 Haggerty Ave. (1)
TI 6-7280
 139. Wright Co., F. B.
9999 Mercier St.
VI 3-8250
- DETROIT**
140. Abrasive & Supply Co.
15443 Woodrow Wilson (3)
TO 9-1250
 141. Ace Bushing Co., Inc.
10620 W. Nine Mile Rd.
LI 8-0777
 142. Acheson Colloids Co.
415 Brainard (1)
TE 3-9028
 143. Acme-Detroit Saw Corp.
528 Fort St., East
 144. Acme Steel Co.
14225 Schaefer Hwy. (27)
VE 6-4500
 145. Addy and Luby Machine Co.
8345 Lynch Rd. (34)
WA 2-0640
 146. Adrian Industries
2832 E. Grand Blvd. (11)
TR 3-0695
 147. Agren-Ascher Co.
5-121 General Motors Bldg.
TR 5-7933
 148. AIMCO
7495 E. Davison (12)
TW 3-8110
 149. Alnsworth, H. M.
7704 E. Jefferson, Apt. 303 (14)
LO 7-5994
 150. Airborne Instruments Laboratory
15427 Woodrow Wilson Ave. (38)
TU 3-1600
 151. Air Reduction Sales Co.
7991 Hartwick St. (11)
 152. Akerman & Wallin, Inc.
19737 James Couzens Hwy. (35)
BR 3-7484
 153. Allegheny Ludlum Steel Corp.
1500 Jarvis (20)
JO 4-6900—LI 2-1100
 154. Allen-Bradley Co.
6750 E. Davison Ave. (12)
TW 3-7500
 155. Allen Manufacturing Co.
2338 Dime Bldg. (26)
WO 2-3050
 156. Allied Products Div.
23520 Woodward Ave. (20)
JO 6-3190
 157. Allied Research Products, Inc.
400 Midland Ave. (3)
WO 1-6953
 158. Allis-Chalmers Manufacturing Co.
17170 W. Seven Mile Rd. (35)
BR 3-6400
 159. Allis Co., The Louis
2842 W. Grand Blvd., Room 337 (2)
TR 5-5622
 160. Alpha Press & Machine Inc
9281 Freeland Ave., (28)
 161. Almco Detroit Branch
7495 E. Davison (12)
TW 3-8110
 162. Aluminum Co. of America
610 New Center Bldg. (2)
TR 1-8100
 163. Amber Tool & Engineering Co., Inc.
16325 Harper Ave. (24)
TU 4-6320
 164. American Brass Co., The
174 S. Clark Ave. (31)
 165. American Screw Co.
502 Stephenson Bldg. (2)
 166. American Emery Wheel Works
415 Brainard St. (1)
TE 1-9216
 167. American Felt Co.
3000 E. Jefferson Ave. (7)
LO 7-7010
 168. American Steel & Wire
9-236 General Motors Bldg. (2)
TR 3-8350
 169. Ames Co., B. C.
719 New Center Bldg. (2)
TR 5-6736
 170. Ampco Metal, Inc.
4612 Woodward Ave. (1)
TE 2-2540
 171. Amatan Supply Div.
14330 Dexter Blvd. (38)
TO 8-3431
 172. Anderson Co., E. B.
12810 Puritan Ave. (27)
 173. Anderson Engineering Co.
13671 Grand River
VE 6-9001
 174. Anderson Oil and Chemical Co.
10234 Grand River (4)
TE 4-7676
 175. Antonik, Michael
10049 Asbury Park (27)
VE 6-5105
 176. Apex Tool & Cutter Co., Inc.
4484 Cass Ave.
 177. Applied Handling Equipment
415 Brainard (1)
 178. Aro Sales & Service, Inc.
8799 Lyndon Ave. (38)
WE 3-4801
 - 178A. Armco Steel Corp.
5-261 General Motors Bldg. (2)
 179. Arrow-Hart & Hegeman Electric Co.,
The
3126 Cass Ave. (1)
TE 3-0751
 180. Armstrong Cork Co.
321 Lafayette Ave., West (26)
 181. Ashton Tool Supply Co.
15028 Fenkell Ave. (27)
 182. Associated Machinery Sales
147 Jos. Campau St. (7)
LO 7-2434
 183. Austerberry's Sons, J. C.
2921 E. Grand Blvd. (2)
TR 5-6436
 184. B-H Tool & Supply Co.
570 W. Eight Mile Rd. (20)
JO 6-7943
 185. Bailey Saw & Machinery Co.
14 Smith St. (2)
TR 2-1248
 186. Baker & Collinson, Inc.
12060 Mt. Elliott
 187. Baker, Paul R.
15733 James Couzens Hwy. (38)
 188. Baldwin-Lima-Hamilton
15800 W. McNichols Rd. (35)
BR 3-8353
 189. Baldwin, Roy
21935 Beech Rd. (41)
 190. Barber-Colman Co.
523 New Center Bldg. (2)
TR 5-4258
 191. Barnes Drill Co.
13121 Puritan Ave. (27)
DI 1-9706
 192. Barnes, Gordon A.
9992 Riverdale (39)
FO 6-4893
 193. Barnes Corp., John S.
503 New Center Bldg. (2)
TR 1-1706
 194. Barrymount Corp., The
18401 E. Warren Ave.
TU 5-7989
 195. Bartling Co., I. H.
19601 Schoolcraft (23)
BR 3-8393
 196. Barton Co., Inc., Charles F.
15529 Woodrow Wilson (38)
TO 5-3100
 197. Basic Service Corp.
16544 Plymouth Rd.
VE 7-8820
 198. Baster & Co., A. J.
8631 W. Jefferson Ave. (17)
 199. Bausum Co., J. K.
414 Stephenson Bldg. (2)
 200. Baxter Co., A. J.
8631 W. Jefferson Ave.
VI 3-1153
 201. Beck Electrical Sales Co., L. H.
18045 James Couzens Hwy. (35)
UN 4-4833
 202. Behr-Manning Co.
13140 Foley Ave. (27)
TE 4-7100
 203. Belknap Co., Van F.
15016 Fenkell Ave. (27)
VE 7-7969
 204. Bellows Co., The
10600 Puritan Ave. (38)
UN 1-6863
 205. Bentley, D. H.
19330 Griggs
DI 1-9714
 206. Berges, A. C.
2970 W. Grand Blvd.
TR 5-7026
 207. Bertsch Machinery Co.
1009 Franklin St. (7)
WO 1-7557
 208. Bethlehem Steel Co.
3044 W. Grand Blvd. (2)
 209. Blas Buff & Wheel Co.
5-252 General Motors Bldg. (2)
TR 5-1476
 210. Big Joe Sales & Service
2021 Gratiot Ave.
WO 1-7666
 211. Bigelow, C. A.
902 Fisher Bldg. (2)
TR 2-7711
 212. Bijur Lubricating Corp.
7-250 General Motors Bldg. (2)
TR 5-6172
 213. Birmingham & Conner Machinery Co.
19425 W. McNichols Rd. (19)
KE 7-8540
 214. Black & Decker Manufacturing Co.,
The
3028 E. Grand Blvd. (2)
TR 5-1742
 215. Balkelee & Co., G. S.
WO 2-0121
 216. Bliss Co., E. W.
8770 E. Davison Ave. (12)
FO 6-5100
 217. Boales & Associates, Wm. G.
1150 W. Baltimore Ave. (2)
TR 2-4242
 218. Bond Associates, D. J.
305 CPA Bldg.
2411 14th St. (16)
WO 2-5199
 219. Bousum Co., J. K.
414 Stephenson Bldg. (2)
TR 3-4148
 220. Bowers Co., Chas. H.
2832 E. Grand Blvd. (11)
TR 3-8212
 221. Boyar-Schultz Corp.
14311 W. Eight Mile Rd. (35)
DI 1-3636
 222. Boyce, Raymond L.
15730 Vaughan Ave. (23)
KE 5-2736
 223. Boyer-Campbell Co.
6540 St. Antoine St. (2)
TR 5-8500
 224. Boyko Engineering Co., John
15034 Houston (5)
DR 1-2840
 225. Bradford Associates, J. L.
17206 W. McNichols Rd. (35)
BR 2-1264
 226. Bradley Machinery Sales Co., The
4400 Conner (15)
VA 1-3341
 227. Brandt Sales & Supply Co., H. S.
4225 Harvard Rd. (24)
TU 5-8550
 228. Brandt Co., T. A.
17239 W. McNichols Rd. (35)
 229. Brant & Cochran
26325 W. Eight Mile Rd.

SALES OFFICES

MICHIGAN

DETROIT (cont.)

230. Brant, Steve
15756 Wyoming Ave. (38)
UN 4-2846
231. Brehm & Lahner, Inc.
407 Woodbrook Bldg.
5050 Joy Rd. (4)
WE 3-5431
232. Bridgeport Brass Co.
15827 James Couzens Hwy. (38)
233. Briggs Filtration Co.
17217 Wyoming Ave. (21)
UN 4-4290
234. Bristol Co., The
10329 W. McNichols Rd. (21)
UN 4-4284
235. Brock Tool of Detroit, Inc.
13564 Grand River Ave. (27)
236. Brooks & Perkins, Inc.
1950 W. Fort St. (16)
TA 3-5900
237. Brown Machinery Co., Robert F.
3100 Grand River (8)
TE 2-3545
238. Brown & Sharpe Manufacturing Co.
13220 Puritan Ave. (27)
BR 2-1096
239. Buckeye Tools Corp.
240. Buhl and Sons Co.
Foot of Adair (31)
241. Bullard Co., The
16601 James Couzens Hwy. (21)
DI 1-1046-7-8
242. Bullock Co., J. E.
19449 James Couzens Hwy. (35)
BR 3-1211
243. Bunting Brass & Bronze, The
17550 Wyoming Ave. (21)
UN 4-4322
244. Burgmaster Michigan Sales
13730 W. Eight Mile Rd.
LI 8-4333
245. Burrell, James V.
2842 W. Grand Blvd. (2)
TR 2-3373
246. Cadillac Gage Co.
P. O. Box 3806 (5)
PR 7-7100
247. Cadmet Corp.
20801 Ryan Rd. (34)
JE 9-2230
248. Cahill Co., Walter F.
19030 W. McNichols Rd. (19)
KE 7-0800
249. Carborundum Co., The
11171 Lappin Ave. (34)
LA 1-3400
250. Card Div., S. W.
1625 E. McNichols Rd. (3)
TW 3-5640
251. Carman-Adams, Inc.
15760 James Couzens Hwy. (38)
UN 3-9100
252. Carolin Foundry and Machine Co.,
R. B.
3633 Military Ave. (10)
TA 5-1338
253. Carpenter, Norman H.
18054 Sussex Ave. (35)
VE 8-0348
254. Carpenter Steel Co., The
7170 E. McNichols Rd. (12)
FO 6-3490
255. Carter Controls
19741 James Couzens Hwy. (35)
BR 3-3242
256. Caspers, Harry F.
2591 W. Grand Blvd. (8)
TR 1-9267
257. Century Electric Co.
7430 Second Blvd. (2)
TR 1-0260
258. Century Saw & Tool Co.
19347 Mt. Elliott Ave. (34)
TW 3-2280
259. Chain Belt Co.
10400 Puritan Ave. (38)
DI 1-3222
260. Chapin, Jr., M. G.
18025 Grand River Ave. (23)
VE 8-8950
261. Charles Sales
335 Curtis Bldg. (2)
TR 5-4376
262. Chase Brass & Copper Co.
14480 Woodrow Wilson Ave. (38)
TO 8-2929
263. Chatfield, L. F.
16881 James Couzens Hwy. (35)
UN 3-4497
264. Chicago Pneumatic Tool Co.
570 E. Larned St. (26)
WO 1-3841
265. Chicago Rawhide Manufacturing Co.
9000 Alpine Ave.
WE 3-8151
266. Chilson & Associate, Harold R.
10210 W. McNichols Rd. (21)
DI 1-0900
267. Circo Equipment Co.
18055 James Couzens Hwy. (35)
UN 4-2132
268. Clark Controller Co., The
15830 W. Seven Mile Rd. (35)
VE 8-2735
269. Clayton-Sherman Abrasives Co.
3896 Lonyo Rd. (10)
270. Cleco Div.
18071 Wyoming Ave. (21)
UN 1-0047
271. Cleveland Automatic Machine Co.
8830 W. McNichols Rd. (21)
UN 1-9087
272. Cleveland Punch & Shear Works Co.,
The
5-147 General Motors Bldg. (2)
TR 2-7363
273. Cleveland Tramrail Div.
P. O. Box 4674 (34)
JE 9-6000
274. Cleveland Twist Drill Co., The
2929 E. Grand Blvd. (2)
TR 2-7060
275. Cogsdill Twist Drill Co., Inc.
11336 Schaefer Rd. (27)
TE 4-0785
276. Cole, Fred A.
2225 E. Baltimore (2)
TR 3-1800
277. Colley & Schlee, Inc.
24681 Telegraph Rd. (19)
EL 6-7200
278. Colson Corp., The
2567 W. Grand Blvd. (8)
TY 5-5080
279. Columbia Tool Steel Co.
121 Oakman Blvd. (3)
TU 3-3770
280. Conrad Co., W. B.
13438 Fenkell Ave. (27)
BR 3-4050
281. Consolidated Electrodynamics Corp.
15800 W. McNichols Rd.
282. Continental Screw
10428 W. McNichols Rd.
283. Control Laboratories, Inc.
21456 Karl (19)
EL 6-8090
284. Cool-Cut Abrasives
5680 12th St. (8)
TR 2-6872
285. Copper & Brass Sales, Inc.
6555 E. Davison (12)
FO 6-6200
286. Cornell Tool Co.
19741 James Couzens Hwy. (35)
BR 3-2429
287. Cosa Corp. of Detroit
17605 James Couzens Hwy. (35)
UN 4-8312
288. Cox Engineering Co., Inc.
3020 E. Canfield (7)
WA 5-9737
289. Crafts Co., Inc., Arthur A.
10122 Crocuslawn Ave. (4)
TE 4-3112
290. Crane Packing Co.
16399 Meyers Rd. (35)
UN 4-8300
291. Crisman Co., Glenn P.
670 W. Baltimore Ave. (2)
TR 3-6450
292. Crosier, Ray
10035 Hemingway (39)
KE 1-0272
293. Crucible Steel Co.
4920 E. Nevada Ave. (34)
FO 6-4460
294. Custom Die Set Manufacturing Co.
17170 Dequindre St. (12)
295. Danly Machine Specialties, Inc.
1549 Temple Ave. (16)
WO 3-6566
296. Davis & Associates, Marvin W.
10210 W. McNichols Rd. (21)
UN 4-9434
297. Davis and Thompson Co.
514 New Center Bldg. (2)
TR 3-1770
298. Day, Jack
7335 Woodward Ave.
TR 2-1441-2
299. Dearborn Fabricating & Engineering
Co.
19440 Glendale Ave. (23)
BR 3-2800
300. Dearborn Machinery
14301 Meyers Rd.
WE 3-5320
301. DeLaval Separator Co., The
16943 Schoolcraft Ave. (27)
VE 6-4252
302. Delavan, G. Warren
16231 James Couzens Hwy. (21)
UN 3-7746
303. Delco Products Div.
8-257 General Motors Bldg. (2)
TR 5-6258
304. DeLorme, Charles
18938 Prevost (35)
VE 7-6264
305. Demirjian, Richard
22295 Brookside Dr. (19)
UN 2-2429
306. Dependable Cutter Sharpening Co.
11111 Chalmers Ave. (13)
LA 1-3324
307. deSanno & Son, Inc., A. F.
1627 W. Fort St. (16)
WO 1-5089
308. Detrex Chemical Industries, Inc.
14331 Woodrow Wilson
TO 8-8600
309. Detroit Ball Bearing Co. of Michigan
110 W. Alexandrine Ave.
TE 2-3400
310. Detroit Chemical Branch
12606 Meyers Rd. (27)
TE 4-7830
311. Detroit Designing & Engineering Co.
15819 Schoolcraft (27)
BR 3-4080
312. Detroit Handling Co.
19481 James Couzens Hwy. (35)
BR 2-0912
313. Detroit Mold Engineering Co.
6686 E. McNichols
314. Detroit Pump & Supply Co.
1745 Abbott St. (16)
WO 1-1277
315. Detroit Sales Co.
1221 E. Nine Mile Rd. (20)
JO 4-6149
316. DeVilbiss Co., The
111 Oakman Blvd. (3)
TO 9-8100
317. Devine, Philip K.
17167 Avon Rd. (19)
TR 5-7300
318. Diamond Service Co.
25323 Plymouth Rd. (39)
319. Dickinson Co., J. L.
20050 Livernois Ave. (21)
UN 1-1313
320. Diedrich, Jr., August D.
16610 Lamphere (19)
KE 1-8392
321. Dietzgen Co., Eugene
2345 Cass Ave. (1)
WO 2-8544

SALES OFFICES

MICHIGAN

322. Dirkes Industries, Inc.
2035 Gratiot Ave. (7)
323. Diverser Corp., The
1745 W. Grand Blvd.
TY 6-5880
324. DoAll Detroit Co.
15010 Plymouth Rd. (27)
BR 3-4141
325. Dodge Tap & Tool, Inc.
12221 Dixie (39)
KE 2-9075
326. Donald Sales Co.
18527 W. Eight Mile Rd. (19)
KE 5-0900
327. Dorac Sales Co.
20026 James Couzens Hwy. (35)
BR 2-2121
328. Dorsey Gage Co., Inc.
329. Dow Chemical Co., The
450 Fisher Bldg. (2)
TR 5-7200
330. DuBois-Webb Co.
19951 James Couzens Hwy. (35)
BR 3-0880
331. Ducomb Co., W. C.
6335 E. Palmer Ave. (11)
WA 1-4927
332. Duplex Equipment Co.
10545 Puritan Ave.
UN 2-3220
333. Durez Plastics Div.
503 Stephenson Bldg. (2)
334. Dykstra & Co., R.
7701 Mack Ave. (14)
335. Dymont & Girk Associates
20050 Livernois Ave. (21)
UN 2-9188
336. Dynamic Industrial Sales Co.
1359 National Bank Bldg. (26)
WO 2-4045
337. E & E Engineering, Inc.
15023 Harper Ave. (24)
DR 1-2000
338. Eakins Co., Jesse W.
15875 James Couzens Hwy. (38)
DI 1-0660
339. Eastern Michigan Industrial Sales
13141 Woodward Ave. (3)
340. Eaton Manufacturing Co.
18451 James Couzens Hwy. (35)
UN 4-5900
341. Eberle & Associates
20050 Livernois Ave. (21)
DI 1-1755
342. Eldorado Tool & Manufacturing Corp.
600 Michigan Bldg.
UN 1-3530
343. Electric Tool Service
6188 12th St. (8)
344. Elgin National Watch Co.
2842 W. Grand Blvd. (2)
TR 1-3311
345. Elliott, Bert E.
809 Fisher Bldg.
TR 5-4826
346. Elliott & Shevlin Co.
807 New Center Bldg.
TR 3-1810
347. Empire Tooling Associates
20466 Wyoming Ave.
UN 4-1978
348. English & Miller Machinery Co.
10741 W. McNichols Blvd.
UN 4-2900
349. Equipment Co.
555 Beaufait St. (7)
350. Erico Products, Inc.
4140 E. McNichols Ave.
FO 6-8570
351. Ernest Associates, Ralph D.
12818 Puritan Ave. (27)
352. Ettco Tool & Machine Co., Inc.
4484 Cass Ave. (1)
TE 1-1666
353. Eutectic Welding Alloys Co. of
Michigan, Inc.
416 W. Eight Mile Rd. (20)
LI 4-3440
354. Exact Weight Scale Co., The
10539 Puritan Ave. (38)
UN 2-7416
355. Ex-Cell-O Corp.
1200 Oakman Blvd. (32)
TO 8-3900
356. Exolon Co., The
12933 W. Eight Mile Rd. (35)
357. Fafnir Bearing Co., The
14300 Puritan Ave. (27)
BR 3-3465
358. Fairbanks, Morse & Co.
8655 E. Eight Mile Rd. (13)
JE 6-3500
359. Falk Co., David S.
1400 Holden Ave. (8)
TR 1-2822
360. Fauver Co., Inc., J. N.
51 W. Hancock Ave.
TE 2-4115
361. Fay, William C.
3049 E. Grand Blvd. (2)
TR 2-5354
362. Federal Products Corp.
14340 Puritan Ave. (27)
BR 3-2200
363. Felters Co., The
7-154 General Motors Bldg. (2)
TR 5-1252
364. Ferkany & Sorensen
2832 Grand Blvd. (11)
TR 1-6292
365. Field Co., Irving B.
643 Chalmers Ave. (15)
VA 1-5470
366. Filiatrault, R. E.
802 Fisher Bldg. (2)
TR 2-7171
367. Firth-Sterling, Inc.
8330 W. Chicago Blvd. (4)
WE 3-1023
368. Fisher Detroit Co.
2832 E. Grand Blvd. (11)
TR 2-5175
369. Fleming Co., A. E.
1900 E. Jefferson Ave. (7)
LO 7-8031
370. Flexonics Corp.
1500 Trombly Ave.
TR 3-2800
371. Foote-Burt Co., The
24632 Northwestern Hwy.
Box #5213 (35)
EL 6-6630-31
372. Ford, William C.
15028 Fenkell Ave. (27)
BR 3-2833
373. Fors Sales Co., Inc.
2832 E. Grand Blvd. (11)
TR 2-2508
374. Fosdick Machine Tool Co.
16911 W. Eight Mile Rd. (5)
BR 2-0960
375. Fostoria Pressed Steel Corp.
18627 James Couzens Hwy. (35)
DI 1-8543
376. Frost Railway Supply Co.
3222 E. Jefferson Ave. (7)
377. GFM Associates
19250 James Couzens Hwy. (35)
DI 1-0578
378. Gardner Machine Co.
17153 Wyoming Ave. (21)
DI 1-1115
379. Garlock Packing Co., The
2781 E. Grand Blvd.
TR 3-6166
380. Garrett-Burgess, Inc.
4660 Oakman Blvd.
P. O. Box 517, N. W. Sta. (4)
TE 4-5770
381. Garrett Co., Inc., Geo. K.
15755 James Couzens Hwy. (38)
DI 1-0244
382. Gast, Ray
20052 Livernois (21)
383. Gehringer & Forsyth
16151 James Couzens Hwy. (21)
DI 1-8900
384. General Bearings
100 Forest Ave., West
385. General Electric Co.
700 Antoinette St. (2)
TR 2-2000
386. George Machinery Co., James W.
519 E. Jefferson Ave. (26)
387. Geometric-Horton
2870 E. Grand Blvd. (2)
388. Getschman, George F.
916 Fischer Bldg. (2)
TR 5-2846
389. Gifford Co., Don
1625 W. Fort St. (16)
WO 1-3946
390. Gilmore Sales Co.
1106 Broderick Tower (26)
WO 2-2534
391. Gordon Co., Claud S.
2832 E. Grand Blvd.
392. Gottman Machine Co.
13325 Leonard St. (2)
LU 1-3800
393. Gransden & Co., C. L.
18th St. at Howard (16)
TA 5-5090
394. Gray-Grimes Tool Co.
18500 Mt. Elliott (34)
395. Great Lakes Mill Supply
18639 Weaver (28)
VE 5-3611
396. Great Lakes Rubber Co.
5543 Livernois
397. Greenfield Tap & Die Corp.
2870 E. Grand Blvd. (2)
TR 2-1300
398. Greenleaf Corp.
16455 Hamilton Ave. (3)
SU 8-7273
399. Greenlee Bros. & Co.
2842 W. Grand Blvd. (2)
- 399A. Gregory, William F.
16535 Lawton Ave. (21)
400. Grinding Supplies & Service
364 Midland Ave. (3)
TU 3-1000
401. Haber Co., George
20424 Danbury St. (3)
TW 1-8080
402. Haberkorn Machinery Co., A. C.
412 New Center Bldg. (2)
TR 1-4220
403. Hackett Co., J. Lee
1961 E. Milwaukee Ave. (11)
TR 2-6442
404. Haggard, F. L.
25722 Schoolcraft Rd. (39)
KE 2-9630
405. Handy & Harman
19363 James Couzens Hwy. (35)
VE 8-8480
406. Hannifin Co.
10737 W. McNichols Rd. (21)
DI 1-1885
407. Hanson-Van Winkle-Munning Co.
15343 W. McNichols Rd. (35)
BR 3-6250
408. Hardinge Brothers, Inc.
10024 W. McNichols Rd. (21)
UN 3-5340
409. Harland-Robertson Co.
1506 Vermont Ave. (32)
WO 1-2382
410. Harnischfeger Corp.
17618 W. McNichols Rd. (35)
KE 7-1120
411. Harshaw Scientific Div.
9240 Hubbell (28)
412. Hartland Equipment Co.
18505 W. Eight Mile Rd. (19)
413. Hasty Co., Arthur S.
2533 W. Davison Ave. (38)
TO 8-5545
414. Hayden Twist Drill Sales Co.
18130 Fenkell Ave. (23)
BR 3-6850
415. Haynes Stellite Co.
10421 West Seven Mile Rd. (21)
DI 1-3131
416. Heald Machine Co.
750 W. Eight Mile Rd. (20)
JO 4-5801

SALES OFFICES

MICHIGAN

DETROIT (cont.)

417. Henschen, Jensen & Co.
2842 W. Grand Blvd. (2)
TR 1-0308
418. Heppenstall Co.
Box 414, Roosevelt Park Annex (32)
TA 5-5335
419. Hevi-Duty Electric Co.
8830 W. McNichols Rd. (21)
DI 1-3266
420. Hill, Inc., Buryl R.
15425 Schaefer Rd. (27)
VE 8-3486
421. Hinz, Walter
10350 Harper
P. O. Box 86, Harper Sta. (18)
WA 5-9708
422. Hodgson-Gelsler Prod. Co.
18917 James Couzens Hwy. (35)
DI 1-2586
423. Hoofnagle Bros.
18264 James Couzens Hwy. (35)
UN 3-1442
424. Houghton & Co., E. F.
863 Stephenson Bldg. (2)
TR 3-4860
425. Howard Co., Gene
17524 W. McNichols (35)
KE 3-7100
426. Howard & Smith, Inc.
22524 Woodward Ave. (20)
LI 6-4900
427. Howell Electric Motors Co.
10111 W. McNichols (21)
UN 4-6879
428. Huck Manufacturing Co.
2480 Bellevue Ave. (7)
WA 1-6207
429. Huebner Co., J. J.
Box 3703 (15)
TU 1-7906
430. Hulett, John B.
13520 Fenkell Ave. (27)
431. Huntington Co., F. D.
9101 E. Jefferson Ave. (14)
VA 2-7800
432. Hurchinson, Inc., Neal
408-9 Fisher Bldg. (2)
433. Hyatt Bearings Div.
General Motors Bldg. (2)
434. Hydraulic Press Manufacturing Co.
2842 W. Grand Blvd. (2)
TR 5-3540
435. Hydro-Line Manufacturing Co.
19450 James Couzens Hwy. (35)
BR 3-7141
436. Hy-Pro Tool Co.
10428 W. McNichols Rd. (21)
UN 4-1077
437. Hyster Co. of Michigan
14313 Wyoming Ave. (38)
WE 3-1355
438. IBM Corp.
Buhl Bldg., Rm. 1644
WO 5-7880
439. I-T-E Circuit Breaker
500 Griswold St. (26)
WO 5-1824
440. Ianitelli, Ping
12505 Wilshire (13)
DR 1-2543
441. Ideal Industries, Inc.
2457 Woodward Ave. (1)
WO 1-9506-5
442. Illinois Tool Works
1403 E. State Fair (3)
TW 1-3000
443. Industrial Abrasives Corp.
21630 Wyoming Ave.
JO 6-4715
444. Industrial Air & Hydraulic
Equipment Co.
13324 Kercheval Ave. (15)
VA 2-3994
445. Industrial Components
19035 Davison (23)
VE 8-8000
446. Industrial Equipment Co.
1144 W. Baltimore Ave. (2)
TR 5-0950
447. Industrial Products Sales, Inc.
1018 Fisher Bldg. (2)
TR 3-5910
448. Ingersoll-Hand Co.
Congress at First (26)
WO 3-5504
449. Inland Steel Co.
16815 James Couzens (35)
DI 1-5411
450. Ipsen Industries, Inc.
18130 Fenkell Ave. (23)
BR 3-0277
451. J. I. C. Air Hydraulic Sales
9141 E. Jefferson St. (14)
452. J & L Tool Sales
P. O. Box 4612, Mt. Elliott Sta. (34)
453. Jacobs, Richard E.
19450 James Couzens Hwy. (35)
BR 3-1333
454. Jarecki Corp.
1472 E. Outer Dr. (34)
TW 3-6200
455. Jeffries Co., L. W.
16722 E. Warren Ave.
TU 2-9551
456. Jenkins, A. F.
9141 E. Jefferson Ave. (14)
VA 2-2463
457. Jessop Steel Co.
19430 Mt. Elliott Ave.
FO 6-4129
458. Johnson Bronze Co.
2868 E. Grand Blvd. (2)
TR 1-5800
459. Johnson, Carl F.
12969 Minock (22)
VE 6-4794
460. Jones & Lamson Machine Co.
16927 James Couzens Hwy. (35)
UN 4-7900
461. Jones & Laughlin Steel Corp.
Fisher Bldg. (2)
TR 5-1600
462. Jorgenson, I. N.
2842 W. Grand Blvd. (2)
TR 5-6300
463. Kaiser Aluminum & Chemical Sales,
Inc.
7700 Second Ave.
TR 3-8000
464. Kearney & Trecker Corp.
10600 Puritan Ave. (38)
UN 4-5100
465. Keck Co., E. W.
26533 Grand River
P. O. Box 4752 (19)
KE 3-1514
466. Keller Co., J. H.
10523 Puritan Ave. (38)
UN 2-1919
467. Keller Co., Sam T.
1212 Fisher Bldg. (2)
TR 5-7800
468. Kellner Tool & Machine Co.
18490 Mt. Elliott (34)
TW 2-4060
469. Kelsey Co., Don W.
16629 Myers Rd. (35)
DI 1-3040
470. Kenmac Co., The
12841 Hillview Ave. (27)
BR 3-9100
471. Kennametal, Inc.
10201 Capital Ave.
Oak Park (37)
JO 6-3183
472. Kenyon, Preston
2401 E. Seven Mile Rd.
TW 1-8810
473. Kerns Co., L. R.
2842 W. Grand Blvd.
TR 2-7824
474. Kerns Co., N. R.
9140 Charlevoix (14)
VA 2-9383
475. Kettenring Tool Co.
11646 Hamilton Ave. (2)
TO 6-3845
476. Kilpatrick and Martin
616 Pallister (2)
TR 3-1400
477. Koertge, Ray
9141 E. Jefferson (14)
478. Kretschmer, Harry
17401 Wyoming (21)
479. Kretschmar Co., Wm. G.
3791 Jefferson Ave., East
LO 7-1372
480. Krok & Hardig Associates
16164 James Couzens Hwy. (21)
DI 1-2780
481. Krueger-Barnes Corp.
1469 E. Grand Blvd. (11)
WA 1-3058
482. Kurt-Orban Co., Inc.
19250 James Couzens Hwy. (35)
DI 1-0578
483. Lammers Co., W. E.
15820 Warren Ave., E. (24)
TU 5-6711-5-6712
484. Lamparter & Associates, Carl
18401 E. Warren Ave. (36)
TU 5-4444
485. Lamson & Sessions Co., The
7-237 General Motors Bldg. (2)
TR 2-0705
486. Landis Machine Co.
12806 Fenkell (27)
UN 1-3609
487. Landis Tool Co.
17151 Wyoming Ave. (21)
DI 1-2127
488. Lapeer Manufacturing Co.
1144 W. Baltimore (2)
TR 3-4800
489. LaSalle Steel Co.
416 New Center Bldg. (2)
TR 3-3852
490. Last Word Sales Co.
18500 Mt. Elliot Ave. (34)
FO 6-0030
491. Latimer Co., Ira S.
P. O. Box 4654 (34)
JE 9-7640-1
492. Lawton, Morgan B.
8627 Woodward Ave. (2)
TR 5-3484
493. Lea-Michigan, Inc.
14066 Stansbury Ave. (27)
494. LeBlond Machine Tool Co., The R. K.
16911 W. Eight Mile Rd. (35)
495. Leeds & Northrup Co.
18240 James Couzens Hwy. (35)
DI 1-2320
496. Lehmann Sales Co.
910 Fisher Bldg. (2)
TR 3-2290
497. Leland Electric Co., The
18450 Livernols Ave. (21)
UN 4-4376
498. Leland-Gifford Co.
10429 McNichols Rd. (21)
DI 1-1101
499. Lempeo Industrial, Inc.
14660 Schaefer Rd. (27)
BR 3-3153
500. Lexington Products Co.
2832 E. Grand Blvd.
501. Libby, Kenneth J.
16231 James Couzens Hwy. (21)
UN 3-7740
502. Lincoln Electric Co., The
17124 Wyoming Ave. (21)
UN 4-3952
503. Lincoln Engineering Co.
8627 Woodward Ave.
TR 5-3484
504. Linde Co.
10421 W. Seven Mile Rd. (21)
DI 1-3131
505. Liquid Carbonic Corp., The
12820 Evergreen Rd. (23)
506. Littell Machine Co., F. J.
2848 W. Grand Blvd. (2)
TR 4-3280
507. Livingstone Co., John E.
16516 James Couzens Hwy. (21)
UN 4-7880

SALES OFFICES

MICHIGAN

508. Longman, Donald
16231 James Couzens Hwy. (21)
UN 3-7740
509. Longnecker, Harry F.
16231 James Couzens Hwy. (21)
UN 3-7740
510. Lord Manufacturing Co.
18040 James Couzens Hwy. (35)
DI 1-4340
511. Lord, T. E.
2832 E. Grand Blvd.
TR 5-8175
512. Lor-Mac Associates
403 Fisher Bldg. (2)
TR 1-7600
513. Lowe Co., Wm. N.
16935 James Couzens (35)
UN 3-3376
514. Lucas Machine Div.
1017 W. McNichols Rd. (21)
515. Lyon, Fred
17541 Annchester Rd. (19)
KE 2-2904
- 515A. Lyon Metal Products, Inc.
2842 W. Grand Blvd.
209 Curtis Bldg. (2)
516. Magnaflex Corp.
2777 E. Grand Blvd. (11)
TR 3-4343
517. Mallory & Co., Inc., P. R.
8631 Livernois Ave. (4)
WE 3-1696
518. Manning, Maxwell & Moore, Inc.
444 New Center Bldg. (2)
519. Manufacturers Sales Co.
13240 Puritan Ave. (27)
BR 3-8730
520. Marathon Electric Manufacturing Corp.
6560 Cass Ave. (2)
TR 3-3262
521. March Corp., The
23100 W. Eight Mile Rd. (41)
KE 3-3946
522. Marlin-Rockwell Corp.
17175 Wyoming Ave. (21)
UN 4-6815
523. Marsh Equipment Co.
3201 Wight St. (7)
LO 7-7585
524. Master Pneumatic Tool Co., Inc.
16231 James Couzens Hwy. (21)
UN 3-7740
525. Material Handling Sales Corp.
300 E. Milwaukee Ave.
526. Material Sales Co.
18456 W. McNichols (19)
527. Matzka Co., Tom
18490 Mt. Elliot St. (34)
TW 1-2825
528. Mayne Tool Co., George
19457 James Couzens Hwy. (35)
BR 3-1533
529. McBride Stamp Co.
1419 Vermont Ave. (16)
530. McCarthy Co., G. D.
12102 Grand River Ave. (4)
TE 4-4195
531. McCormick, George D.
16035 Hamilton Ave. (3)
UN 1-1753
532. McGraw & Co., Wm. F.
575 E. Milwaukee Ave. (2)
TR 2-6900
533. McKee-Kenyon & Co.
1627 Fort St., West (16)
WO 2-3435
534. McNabb Co., Frank C.
14825 Birchwood Ave.
WE 1-0140
535. Mechanics Tool Supply Co.
5712 12th St. (8)
536. Melcher, Jack A.
5775 Somerset Rd. (24)
537. Merz Engineering, Inc.
19967 James Couzens Hwy.
538. Metal Carbides Corp.
20485 Van Dyke (34)
FO 6-4546
539. Metal Cutting Tools, Inc.
2591 W. Grand Blvd. (8)
TR 1-4800
540. Metal & Thermit Corp.
1700 E. Nine Mile Rd. (20)
JO 4-5740
541. Metalometer Instrument Co.
2980 W. Davison Ave. (38)
TO 9-3456
542. Michigan Bearing Co.
85 Oakman Blvd.
TO 9-6900
543. Michigan Buff Co.
3503 Gaylord Ave. (12)
544. Michigan Chandelier Co.
9155 Hayes Ave. (13)
VE 9-6800
545. Michigan Machinery Sales Co.
13342 W. McNichols (35)
UN 4-5543-4
546. Michigan Manufacturers Service, Inc.
16550 Greenfield Rd. (35)
BR 3-8190
547. Michigan Sales Office
20490 Woodward Ave. (3)
TU 3-4390
- 547A. Mid-States Industrial Plastics Co.
P. O. Box #85, Brightmoor Sta. (23)
548. Milne & Co., Inc., A.
4820 Wabash Ave. (8)
TY 7-0191
549. Milwaukee Electric Tool Corp.
1627 W. Fort St. (16)
WO 1-0829
550. Minnesota Mining & Manufacturing Co.
411 Piquette Ave. (2)
TR 5-7111
551. Mitchell Specialty Div.
2842 W. Grand Blvd. (2)
TR 3-4500
552. Modern Handling Equipment Co., The
9325 E. Forest Ave. (14)
553. Modern Machinery Sales Co.
19429 W. McNichols (19)
KE 5-3313
554. Monarch Machine Tool Co., The
10600 Puritan Ave. (38)
DI 1-2728-1-2729
555. Moon, J. S.
5-168 General Motors Bldg. (2)
556. Moore Products Co.
22750 Woodward Ave. (20)
LI 7-9515
557. Morand Machinery Co., D. E.
6505 Grand River Ave. (8)
TY 4-1524
558. Morgan Co., R. W.
11695 Woodbine (39)
KE 7-3900
559. Morse Chain Co.
10124 W. McNichols Rd. (21)
DI 1-3050
560. Morse Twist Drill & Machine Co.
924 E. Nine Mile Rd. (20)
LI 7-9311
561. Mueller Brass Co.
19600 Van Dyke Ave. (34)
TW 3-6965-6-7
562. Murphy, H. J.
17215 Greenlawn Ave. (21)
563. Murray Equipment Co.
14011 Oakland Ave. (3)
TO 9-4444
564. Mutual Industrial Supply Co.
614 Leib St. (7)
LO 8-3822
565. Nankervis Co., George L.
15300 Fullerton Ave. (27)
VE 8-5780
566. Nash Co., Wm. H.
10300 Grand River Ave. (4)
TE 4-1110
567. National Acme Co., The
14235 Puritan Ave. (27)
VE 7-2552
568. National Automatic Tool Co., Inc.
14119 Puritan Ave. (27)
VE 6-6663
569. National Grinding Wheel Sales Co.
12933 W. Eight Mile Rd. (35)
570. National Industrial Tool and Die Suppliers
835 Emerson Ave. (15)
VA 4-0478
571. National Refining Co.
6325 Georgia Ave.
WA 1-4380
572. National Sales Engineering Corp.
15805 Wyoming Ave. (38)
DI 1-0051
573. National Screw & Manufacturing Co., The
913 Fisher Bldg. (2)
TR 2-0700
574. Nelson Stud Welding
1400 Fisher Bldg. (2)
TR 5-8063
575. Nettle Co., W. H.
20052 Livernois Ave. (21)
UN 3-6065
576. New Britain Machine Co.
1017 W. McNichols Rd. (21)
577. New Departure Div.
7-122 General Motors Bldg. (2)
TR 2-4700
578. N. Y. & N. J. Lubricant Co.
4150 Haverhill Ave. (24)
LO 7-4706
579. Niagara Machine & Tool Works
17585 James Couzens Hwy. (35)
DI 1-2570
580. Nice Ball Bearing Co.
446 New Center Bldg. (2)
TR 1-6161
581. Norma-Hoffmann Bearings Corp.
10239 Puritan Ave. (38)
UN 4-2544
582. Northland Equipment Co.
26000 W. Eight Mile Rd. (41)
KE 7-2100
583. Norton Co.
5805 Lincoln Ave. (8)
TR 5-8991
584. Northwest Blue Print
12130 Grand River (4)
585. Nugent, Warren H.
17304 Lahser Rd.
KE 5-6340
586. Numatics Detroit Sales Office
16929 Wyoming Ave. (21)
DI 1-8558
587. Nu-Tool Sales Co.
17227 W. McNichols (35)
VE 8-6072
588. O. K. Tool Co., Inc., The
6429 John C. Lodge Expressway
TR 1-1262
589. Oakite Products, Inc.
8-237 General Motors Bldg. (2)
TR 5-6330
590. O'Brien, J. C.
20021 John R. St. (3)
FO 6-4100
591. Ohio Knife Co., The
10600 Puritan Ave. (38)
UN 3-9363
592. Oilgear Co., The
6540 St. Antoine St. (2)
TR 5-9443
593. Osborn Manufacturing Co., The
10701 W. McNichols Rd. (21)
UN 3-3511
- 593A. Oseroff Associates, Herman C.
16738 E. Warren Ave. (24)
594. O'Shaughnessy, John T.
623 Fisher Bldg. (2)
TR 5-3544
595. Oswald Co., The J. L.
18601 Van Dyke
596. Ott, John T.
2980 W. Davison (4)
TO 8-0775
597. Ozalid Branch Office
4461 W. Jefferson Ave. (9)
TA 5-0500
598. Palmer Equipment Co.
3575 E. Palmer Ave. (11)
599. Palmer-Shile Co.
16000 Fullerton Ave. (27)
VE 6-4400
600. Pangborn Corp.
1012 Stephenson Bldg. (2)
TR 5-5311-2

SALES OFFICES

MICHIGAN

DETROIT (cont.)

601. Papesch & Kolsted
10707 Capitol (37)
602. Park Chemical Co.
8074 Military Ave. (4)
TY 5-7215
603. Parker Rust Proof Co.
2177 E. Milwaukee Ave. (11)
TR 5-3377
604. Parry Engineering Co.
10631 Puritan Ave. (38)
DI 1-0790
605. Paul's Machinery Co.
6111 Vermont Ave. (8)
TY 7-6300
606. Peninsular Grinding Wheel
20450 Sherwood Ave. (34)
FO 6-3082
607. Peninsular Machinery Co.
19178 James Couzens Hwy. (35)
DI 1-0880
608. Peninsular Steel Co., The
P. O. Box 3853, Park Grove Sta. (5)
DR 1-9400
609. Penn Petroleum Corp.
7131 Westfield Ave. (4)
TE 4-3600
610. Peterson Co., W. T.
16950 Harper Ave. (24)
TU 4-2530
611. Petrie Products & Engineering Co.
16512 Hamilton Ave. (3)
UN 4-1479
- 611A. Pheoli Manufacturing Co.
10715 Puritan Ave. (38)
612. Phillips & Co., Inc., C. E.
2750 Poplar St. (8)
613. Phinney & Co., Jas. H.
1662 Penobscot Bldg. (26)
TO 2-0971
614. Pierce Co., J. L.
16466 James Couzens Blvd. (21)
UN 2-2571
615. Plancon Co., George H.
17311 W. Seven Mile Rd. (25)
BR 3-2361
616. Pneumatic Equipment Co.
1627 W. Fort St. (16)
WO 1-1777
617. Pope, Frederick C.
18401 E. Warren Ave. (36)
TU 2-2522
618. Portable Tool & Engineering Co.
17221 Lahser Rd. (19)
619. Porter-Cable Machine Co.
18901 Wyoming Ave.
DI 1-9414
620. Pratt & Whitney Co., Inc.
8626 W. McNichols Rd. (21)
DI 1-1070
621. Precision Grinding Wheel Co., Inc.
300 McKinstry St. (9)
TA 5-2800
622. Prell Plant Equipment Corp.
3628 Gratiot Ave. (7)
WA 5-5080
623. Press Equipment Sales
8881 Central Ave. (4)
624. Producto Corp., The
10200 Capital Ave. (37)
LI 6-7600
625. Production Machinery Sales Co., Inc.
4845 St. Aubin Ave. (7)
TE 2-4711
626. Racine-Seco Sales Corp.
8916 Greenfield Rd. (28)
BR 3-6944
627. Radio Corp. of America
12605 Arnold (39)
KE 3-7640
628. Ralph's Indicator Service
19617 Van Dyke Ave. (34)
TW 2-7774
629. Rapistan of Detroit, Inc.
14945 Schaefer (27)
BR 3-0921
630. Rayhaven Equipment Co.
26799 W. Eight Mile Rd. (40)
KE 3-8888
631. Rayman, George E.
16231 James Couzens Hwy. (21)
UN 3-7740
632. Redmond, Thomas
20904 Woodmont (36)
633. Reed Co., James M.
2832 E. Grand Ave. (11)
TR 3-1187
634. Reichhold Chemicals, Inc.
601-707 Woodward Hgts. Blvd. (20)
JO 4-6500
635. Remy, W. E.
6820 E. Davison (12)
TW 1-3111
636. Ren Plastics, Inc.
10120 Puritan Ave. (38)
UN 1-4760
637. Re-Nu Tool Co.
14444 Joy Rd. (28)
VE 8-6900
638. Republic Steel Corp.
2008 Fisher Bldg. (2)
TR 5-9300
639. Retzlaff, Ralph
7338 Woodward Ave. (2)
TR 2-1441-2
640. Revere Copper and Brass, Inc.
5851 W. Jefferson Ave. (9)
641. Reynolds Metals Co.
1590 Fisher Bldg. (2)
642. Rezolin, Inc.
16501 Meyers Rd. (35)
UN 4-8708
643. Rice-Lee Co.
2832 E. Grand Blvd.
TR 1-8014
644. Riordan Machinery Co.
16421 W. Eight Mile Rd. (35)
BR 3-5512
645. Roache, James E.
17615 Pierson (19)
KE 4-9292
646. Robinson Welding Supply Co.
8706 Lyndon Ave. (38)
TE 4-1660
647. Rockwell Co., Clifford
19364 James Couzens Hwy. (35)
648. Rogo Sales Co.
18055 James Couzens Hwy. (35)
UN 4-0631
649. Rollway Bearing Co., Inc.
5057 Woodward Ave. (2)
TE 1-8715
650. Rosan, Inc.
2914 Book Bldg.
WO 2-7017
651. Rousseau, L. J.
14331 Schaefer Hwy.
652. Rubber Materials Corp.
48 Selden Ave.
TE 1-4443
653. Rummins Sales, E. D.
10600 Puritan Ave.
UN 2-5276
654. Russell, Burdsall and Ward Bolt and
Nut Co.
General Motors Bldg. (2)
TR 5-2834
655. Russell & Olson Co.
15820 James Couzens Hwy. (38)
UN 4-7010
656. Rutland Tool Service
1617 E. McNichols Rd. (3)
TW 3-6240
657. Ryerson & Son, Inc., Joseph T.
Box 5338 (11)
TR 4-3311
658. S-P Manufacturing Corp., The
16801 Wyoming Ave. (21)
DI 1-4363
659. Sandvik Steel, Inc.
14131 Puritan Ave. (27)
BR 3-8474
660. Sargent & Co., E. H.
8560 W. Chicago Ave. (4)
661. Savage Co., M. B.
17914 E. Warren Ave. (24)
TU 2-2570
662. Schade, George N.
18130 Fenkell (23)
TR 5-4730
663. Schaltenbrand, Fred W.
19912 Denby Ave. (19)
KE 4-4521
664. Schisler, Donald L.
17510 Wyoming (21)
UN 3-6628
665. Schneider Co., Erv.
4829 Woodward Ave. (1)
TE 2-5939
666. Schneider, S. E.
3931 Bishop Rd. (24)
667. Schober Tool Co.
733 Lewerenz (9)
VI 2-5700
668. Schwartz Precision Tool Sales Co.
17272 Mt. Elliott Ave.
TW 1-8870
669. Schweppe, H. B.
7338 Woodward Ave. (2)
TR 2-8149
670. Sciaky Bros., Inc.
7430 Second Blvd. (2)
TR 5-6800
671. Scott Engineering Sales Co.
20026 James Couzens (21)
BR 3-3353
672. Scully-Jones & Co.
10725 W. McNichols Rd. (21)
DI 1-3242
673. Seco Safety Products Co.
1300 W. Fort St. (26)
674. Seibert & Sons, Inc.
3020 E. Canfield Ave.
WA 5-9308
675. Selas Corp. of America
334 Lexington Bldg. (2)
5-1221
676. Shane, Inc., Mel
19137 Filer (34)
FO 6-2660
677. Sharon Steel Corp.
P. O. Box 4433, Joyfield Sta. (28)
678. Sheffer Collet Co.
18056 James Couzens Hwy. (35)
DI 1-0883
679. Sheffield Michigan Sales Corp.
14031 Puritan Ave.
VE 7-2032
680. Shell Chemical Corp.
154 Bagley Ave. (26)
WO 1-4266
681. Shell Oil Co.
154 Bagley Ave. (26)
WO 1-1181
682. Shuel Sales Co.
4829 Woodward Ave. (1)
TE 2-5939
683. Simonds Abrasive Co.
17155 Conant St. (12)
FO 6-2900
684. Sinclair-Collins Valve Co.
16815 W. Warren Ave. (28)
LU 2-4783
685. Sinclair Industrial Supply
6350 Brush St. (2)
TR 5-6685
686. Skil Corp.
17160 Wyoming Ave. (21)
687. Slater Saw Co., F. M.
14307 Schaefer Hwy. (27)
VE 8-9856
688. Slivensky, Robert
26210 W. Eight Mile Rd.
EL 6-7077
689. Smith Equipment Co.
2842 W. Grand Blvd. (2)
TR 5-2500
690. Smith Co., Roy
5257 Trumbull Ave. (8)
691. Smith Tool Co., T. M.
14644 Puritan Ave. (27)
692. Snap-on Tools Corp.
93 Piquette Ave. (2)
TR 5-6453
693. Socony Mobil Oil Co., Inc.
903 W. Grand Blvd. (32)

SALES OFFICES

MICHIGAN

694. Sokol, W. A.
7-234 General Motors Bldg. (2)
TR 5-0440
695. Sonneborn Co., Arthur B.
19983 Livernois (21)
DI 1-3000
696. Space Tool & Supply Co.
19748 Plainview Ave. (19)
KE 3-8982
697. Sperry Products, Inc.
7140 E. Davison Ave. (12)
TW 3-0483
698. Spink, Walter E.
18450 Livernois (21)
UN 4-6603
699. Spruce, A. D.
18456 W. McNichols (19)
KE 7-4010
700. Standard Die Set Co.
2700 W. Warren Ave. (8)
TY 8-8400
701. Standard Electric Motors Works
6234 Second Blvd. (2)
TR 3-8700
702. Standard Gage Co., Inc.
5057 Woodward Ave. (2)
TE 2-1715
703. Standard Oil Co.
321 W. Lafayette St. (26)
WO 2-7620
704. Standard Pressed Steel Co.
18943 John R. (3)
TY 6-3000
705. Steel Sales Corp.
5151 Wesson Ave. (10)
TY 6-3000
706. Sterling Electric Motors, Inc.
109 E. Nine Mile Rd. (20)
LI 7-0117
707. Sterling Grinding Wheel Co.
20466 Sherwood Ave. (34)
TW 3-2405
708. Sterling Co., S.
15310 W. McNichols Rd. (35)
BR 3-2900
709. Sterling Supply Co.
1220 E. Nine Mile Rd. (20)
JO 6-0700
710. Stevens, Inc., Fredric B.
1800 18th St.
DI 1-2350
711. Stevens-Jeffrey Co.
15841 Wyoming Ave. (38)
DI 1-2350
712. Stiles, Stephen
7330 Woodward Ave. (2)
TR 2-1441-2
713. Strange & Sanford Co.
2910 W. Davison (38)
DI 1-2350
714. Strellinger Co., Chas. A.
31855 Van Dyke Ave.
P. O. Box 4674 (34)
JE 9-6000
715. Strong, Carlisle & Hammond Co.
6540 St. Antoine St. (2)
TR 3-6140
716. Stuart Oil Co., Ltd., D. A.
8350 Military Ave. (4)
TY 7-8500
717. Sun Oil Co.
2117 National Bank Bldg. (26)
WO 1-7240
- 717A. Super Tool Co.
21650 Hoover Rd. (13)
718. Superior Detroit Co.
13204 Fenkell Ave. (27)
VE 7-4370
719. Superior Seal & Stamp Co.
1401 Vermont Ave. (16)
720. Surface Combustion Corp.
14425 W. Eight Mile Rd. (35)
UN 4-8575
721. Swensson Co., Edwin A.
2970 W. Grand Blvd. (2)
722. Swiss Precision Tool Co.
851 E. Eight Mile Rd. (20)
723. Syntrol Detroit Sales Co.
21315 Woodward Ave. (20)
JO 6-3166-LI 6-1900
724. Taft-Pelce Manufacturing Co., The
10243 Puritan Ave. (38)
UN 4-1023
725. Tartan Tool Co.
11336 Schaefer (27)
WE 3-3058
726. Taylor Co., B. A.
12838 Fenkell Ave. (27)
DI 1-8537
727. Taylor Co., Harry W.
6110 Michigan Ave. (10)
TA 5-2600
728. Taylor-Thompson Machinery Co.
8095 Livernois Ave. (4)
TE 4-0130
729. Teal Electric, Frank C.
3222-24 E. Jefferson Ave. (7)
LO 8-9092
730. Tech Products Co.
2415 E. Seven Mile Rd. (34)
FO 6-0219
731. Technix Co.
853 E. Eight Mile Rd. (20)
LI 8-9230
732. Telford Equipment Co.
10000 Freeland Ave. (27)
WE 3-7330
733. Teplitz & Co., Harvey
19942 Inkster Rd.
KE 7-9058
734. Thompson Industrial Equipment Co.
17131 Heyden Ave. (19)
KE 1-3170
735. Thomson Manufacturing Co., Judson L.
12131-35 Grand River Ave.
WE 3-4220
736. Thor Power Tool Co.
14515 Puritan Ave. (27)
BR 3-8250
737. Tibedeau Co., B. R.
15756 Kentfield
738. Timken Roller Bearing Co., The
16101 Schaefer Hwy. (35)
VE 8-2628
739. Timm, Harry
18691 Coddling Ave. (19)
KE 1-0206
740. Tool Chemical Co.
19741 James Couzens Hwy. (35)
BR 3-5100
741. Tool Sales Co.
46 Victor Ave. (3)
TO 9-4600
742. Torrington Co., The
8833 Fenkell Ave. (38)
WE 1-0600
743. Tower Engineering Co.
18450 Livernois Ave. (21)
UN 2-5370
744. Townsend Co.
8640 W. McNichols Rd. (21)
DI 1-8814
745. Trans-Power Products
9204 Gratiot Ave.
746. Trigon Sales Co.
16621 James Couzens Hwy.
UN 1-1140
747. Trinity Tool Co.
17184 E. Warren Rd. (24)
TU 4-2800
748. Tubular Rivet & Stud Co.
8830 W. McNichols Rd. (21)
UN 3-8954
749. Turner & Greer Associates
446 New Center Bldg. (2)
TR 1-6161
750. Twyman & Associate, L. R.
Fisher Bldg. (2)
TR 3-5716
751. Udyllite Corp., The
1651 E. Grand Blvd. (11)
WA 1-3500
752. Uhas & Co., Frank L.
427 New Center Bldg. (2)
TR 2-3443
753. Union Carbide Plastics Co.
10421 W. Seven Mile Rd. (21)
DI 1-3131
754. Union Twist Drill Co.
1625 E. McNichols Rd.
TW 3-5640
755. United Saw & Tool Co.
1961 E. Milwaukee (11)
TR 2-0246
756. U. S. Electrical Motors, Inc.
25101 W. Plymouth Rd. (39)
KE 4-3294
757. Universal-Cyclops Steel Corp.
24800 Plymouth Rd. (39)
KE 4-1300
758. Val Tool Sales Co.
18637 Lindsay (35)
VE 8-4960
- 758A. Valeron Corp., The
21100 Coolidge Hwy. (37)
759. Valvair Corp.
16815 W. Warren Ave. (28)
LU 2-4783
760. Valvoline Oil Co.
1900 E. Warren Ave. (7)
TE 2-6515
761. Vance & Villani
19148 Woodward Ave.
762. Vascology-Ramet Corp.
15551 W. McNichols Rd. (35)
BR 3-6161
763. Veeder-Root, Inc.
2842 W. Grand Blvd. (2)
TR 2-2898
764. Venables, Carlton W.
16197 James Couzens Hwy. (21)
DI 1-3928
765. Vickers, Inc.
10541 Puritan Ave. (38)
DI 1-0990
766. Vitrified Wheel Co.
19620 Schoolcraft (23)
BR 3-5887
767. Wagner Co., A. T.
2720 Wight St. (7)
LO 7-3171
768. Wagner Brothers
400 Midland Ave. (3)
769. Wales Strippit, Inc.
3049 E. Grand Blvd. (2)
TR 3-0745
770. Walker & Seed Tool & Engineering
Co.
2591 W. Grand Blvd. (8)
TR 4-3940
771. Wall, Fred E.
8106 E. Jefferson (14)
LO 7-4226
772. Warner Electric Brake & Clutch Co.
15756 Wyoming Ave. (38)
UN 1-7389
773. Warner & Swasey Co., The
18076 James Couzens Hwy. (35)
DI 1-1313
774. Waterston's, Inc.
960 W. Eight Mile Rd.
JO 4-5794
775. Wean Equipment Corp.
6560 Cass Ave., Room 322
TR 2-5727
776. Weatherford, J. D.
2591 W. Grand Blvd. (8)
TR 5-6300
777. Webb Co., Jervis B.
8951 Alpine Ave. (4)
WE 3-8010
778. Webster Manufacturing, Inc.
24630 Northwestern Hwy. (35)
EL 6-9006
779. Weirton Steel Co.
5162 General Motors Bldg. (2)
TR 5-2080
780. Welding Equipment & Supply Co.
5225 E. Davison (12)
781. Welding Gas & Equipment Co.
7425 E. Davison Ave. (12)
782. Welding Metals Manufacturing Co.
14301 Linwood (6)
TU 3-2300
783. Weldit, Inc.
990 Oakman Blvd. (38)
784. Welker Machinery Co., Inc.
19924 Livernois Ave. (21)
DI 1-1098
785. Wendell-Phillips Co.
22431 Grand River Ave. (19)

SALES OFFICES

MICHIGAN

DETROIT (cont.)

- 786. Werne Co., Arnold J.
502 New Center Bldg.
TR 3-4160
- 787. Western Solvents and Chemicals Co.
6472 Selkirk Ave. (11)
WA 1-6350
- 788. Wheelabrator Corp.
13504 Fenkell Ave. (27)
VE 5-8474
- 789. Wheel Dressing, Inc.
8516 Burnette (4)
TE 4-3363
- 790. White & Bagley Co., The
1448 Wabash Ave. (16)
WO 2-0377
- 791. Whiting Corp.
18505 James Couzens Hwy. (35)
UN 3-0975
- 792. Whitton Spindle Co., The
20466 Wyoming Ave. (21)
- 793. Wilson-Garner Co.
321 E. State Fair Ave. (3)
TW 3-7206
- 794. Wilson, W. E.
2450 Iroquois (14)
WO 5-5326
- 795. Wing & Co., J. T.
150 Randolph St. (36)
WO 2-4520
- 796. Wire Machinery, Inc.
380 Hilton Rd. (20)
LI 3-2227
- 797. Wolverine Foundry Supply
3211 Bellevue (7)
- 798. Woodbury Co., C. F.
2832 E. Grand Blvd.
- 799. Woodson Co., E. J.
7415 St. Aubin Ave.
TR 5-0633
- 800. Woodson Products
2134 20th St. (16)
TA 6-5882
- 801. Worthington Corp.
13305 Puritan Ave. (27)
- 802. Wright Co., The R. M.
7401 DuBois Ave. (11)
TR 1-7540
- 803. Wright Hoist Div.
2401 E. Seven Mile Rd. (34)
TW 1-8810
- 804. Wrinn, Frank W.
1940 Stanley Ave.
- 805. Yale & Towne Manufacturing Co., The
4466 Woodward Ave. (1)
TE 3-0200
- 806. Yeomans & Associate, W. H.
15926 W. McNichols Rd. (35)
VE 8-1808
- 807. Yoder Co., The
1238 Maccabees Bldg. (2)
TE 2-2175
- 808. Zagar, Inc.
19616 Woodward Ave. (3)
TO 9-3050—LI 4-2006
- 809. Ziv Steel & Wire Co.
14643 Meyers Rd. (27)
VE 8-0638

EAGLE RIVER

- 810. Ziv Steel & Wire Co.
CA 1147M1

EAST DETROIT

- 810A. Hartmann Equipment Co.
18115 E. Nine Mile Rd.

EAST GRAND RAPIDS

- 811. Frenell, Warren R.
1049 Floral Dr.
GL 2-7925
- 812. Pipes, B. B.
2438 Berwyck Rd. (6)
GL 2-0571

- 813. Wilcox-Olds Tool Supply
2226 Estelle Dr., Southeast
GL 2-0940

EAST LANSING

- 814. Lacchia, Joseph
516 Meadowlawn
ED 2-5129
- 815. Macco Products Co., The
P. O. Box 446
ED 2-6255
- 816. Park Chemical Co.
P. O. Box 367
ED 2-3926
- 817. Riser, Fred
128 Beech St., P. O. Box 82
ED 2-6331
- 818. Rohrbach, E. P.
147 Oakland Dr.
ED 2-2870
- 819. Strong, Carlisle & Hammond Div.
405 Baley St.
ED 2-2734
- 820. Vascology-Ramet Corp.
127 Beech St.
P. O. Box 82
ED 2-5331
- 821. Walsh & Co., R. E.
405 Grove St.
ED 2-6465

ESCANABA

- 822. Chatfield Machine & Foundry Co.
718 Stephenson Ave.
ST 6-0821
- 823. Morley-Murphy Co.
400 Ludington St.

ESSEXVILLE

- 824. Arley Engineering Co.
3 Orchard Ct.
TW 2-8397

FARMINGTON

- 825. Buirley, Thomas W.
28410 Ridgebrook Rd.
GR 4-5936
- 826. Enroth Co., The
32459 Middlebelt Rd.
MA 6-6955
- 827. Mid-States Sales Co.
32459 Middlebelt
MA 6-6953
- 828. Smith, Carl
22889 Mayfield Rd.
GR 4-6161
- 829. Webb Tool Sales
23525 Prospect
GR 4-6462

FENTON

- 830. Aro Equipment Corp.
1101 Outer Dr.
MA 9-7636

FERNDAL

- 831. Akers Co., George W.
443 E. Nine Mile Rd. (20)
JO 6-0707
- 832. Associated Tooling Co.
851 E. Eight Mile Rd. (20)
JO 4-6934
- 833. Atlas Welding Accessories Co.
707 E. Lewiston Ave. (20)
- 834. B. & H. Tool & Supply Co.
570 W. Eight Mile Rd. (20)
- 835. Brady Co., W. H.
416 W. Woodland (20)
LI 3-9350
- 836. Braeburn Alloy Steel Corp.
1135 E. Nine Mile Rd. (20)
JO 4-6435
- 837. Ebbert-McLeese Co.
1511 E. Nine Mile Rd.
- 838. Gangler Co., Joseph O.
23158 Woodward Ave.
LI 5-8400

- 839. Gullberg Industrial Equipment Co.
1805 E. Nine Mile Rd. (20)
JO 6-1535
- 840. Lofgren, C. A.
1840 Hilton Rd. (20)
LI 7-8857
- 841. Melling & Associates, Geo. D.
22750 Woodward Ave.
LI 1-7603
- 842. Morton Machine Works
1220 E. Nine Mile Rd. (20)
JO 6-0700
- 843. Motch & Merryweather Machinery
23520 Woodward Ave.
JO 6-3190
- 844. Rayl's Industrial Supply
23440 Woodward Ave. (20)
JO 6-6384
- 845. Sterling Supply Co.
1220 E. Nine Mile Rd. (20)
JO 6-0700
- 846. Swiss Precision Tool Co.
851 E. Eight Mile Rd. (20)
LI 5-9026

FLINT

- 847. Allen-Bradley Co.
829 Stockdale (4)
CE 2-9341
- 848. Atlas Eddy Building Products
3421 E. Court St.
CE 5-8631
- 849. Birmingham & Conner Machinery Co.
6479 Fenton Rd.
CE 5-1925
- 850. Bobier Tool Supply
P. O. Box 65
1838 S. Dort Hwy.
CE 5-0641
- 851. Bohlen Co., C. M.
P. O. Box 175 (1)
CE 5-4805
- 852. Cherry, Ellery
1817 W. Genesee St. (4)
CE 9-8311
- 853. Conveyor Erectors & Fabricators
G5191 S. Saginaw Rd. (7)
- 854. Cox, J. L.
1914 Winona (4)
CE 2-1836
- 855. Crowell, A. R.
P. O. Box 366
CE 2-2005
- 856. Detrex Chemical Industries, Inc.
421 W. Water St.
CE 2-0590
- 857. Dewsbury, A. H.
2102 Mountain Ave.
CE 5-7361
- 858. Erickson Tool Co.
309 Patterson Bldg., Box 6
CE 4-0001
- 859. Ex-Cell-O Corp.
1003 Ballenger Rd., South (4)
CE 2-9171
- 860. Factory Tool Supply Co.
132 E. Court (1)
CE 9-3811
- 861. Fauver Co., Inc., J. N.
G3140 Hemphill Rd.
CE 4-2871
- 862. Flint Engineering Co., Inc.
P. O. Box 605 (1)
NI 9-2731
- 863. Fluid Power Sales
P. O. Box 145
1103 Beach St.
CE 5-5181
- 864. General Electric Co.
212 Paterson Bldg. (2)
CE 2-7146
- 865. Gransden-Hall & Co.
Walnut & Poplar
P. O. Box 180 (1)
CE 4-6672
- 866. Grant, W. A.
1003 Ballinger Rd., South (4)
CE 2-9171-2
- 867. Griffiths, Lowell E.
2649 Sloan St. (4)
Phone: 4-1492

MICHIGAN

868. Hall Sales & Engineering Co.
1014 Merrill St.
P. O. Box 180
Phone: 4-3197
869. Hall Steel Co.
999 N. Dart Hwy. (1)
CE 4-6672
870. Hubbard Hardware Co., Geo. W.
602 Mill St. (2)
CE 4-8681
871. Hydro-Line Manufacturing Co.
2601 N. Saginaw
CE 3-6223
872. Mackey Industrial Sales
1722 Greenbrook La. (7)
CE 3-7536
873. Manufacturers Equipment & Supply Co.
519 Lyon St. (1)
CE 9-5864
874. Manufacturers Sales Co.
G3304 S. Dort Hwy.
CE 4-6644
875. Marty Co., B. F.
1409 Durand St. (3)
CE 2-6733
876. Material Handling Sales Corp.
2630 Deming Rd.
P. O. Box 7008
877. Modern Handling Equipment Co., The
2020 N. Franklin St.
878. Moen Tool Supply, Inc.
G2267 Torrey Rd.
Box 665 (1)
CE 4-2624
879. Moore Bros. Electric Co.
2602 Leith St. (6)
CE 2-2148
880. Motch & Merryweather Machinery Co.
5336 S. Sycamore (6)
PI 2-5681
- 880A. Nankervis Co., George L.
432 N. Saginaw St., Rm. #1204
881. National Refining Co.
314 East St.
CE 4-3616
882. Palmer-Shile Co.
202 Genesee Bank Bldg.
CE 8-6881
883. Phipps, L. Ray
P. O. Box 988
CE 2-3120
884. Seeley & Co., R. D.
2073 Dort Hwy. (6)
CE 2-7163
885. Shively Bros., Inc.
P. O. Box 28
719 E. Second Ave. (3)
CE 2-7401
886. Sun Oil Co.
603 Pingree Ave. (3)
CE 2-1987
887. T & H Sales Co.
1332 Mott Foundation Bldg. (2)
CE 9-8431
888. Tool & Equipment Sales
2700 Lippincott Rd. (7)
CE 2-1139
889. Valley Tool Sales
C4280 S. Saginaw
890. Walton, C.
1701 Chelsea Dr. (3)
CE 9-4241
891. Waterston's, Inc.
301 W. Water St. (2)
892. Webb Co., Jervis B.
900 Metropolitan Bldg. (2)
CE 5-0637
893. Wesson Co.
1014 S. Franklin St.
CE 5-5664

FRANKLIN

894. Deneau, James D.
P. O. Box 626
MA 6-3857
895. Foote, Walter C.
31320 Woodside
MA 6-1163

FREMONT

896. Sabin, Ralph
6148 Lake Dr., R. R. #4
FR 903

GARDEN CITY

897. Wayne Welding Supply, Inc.
5913 Middlebelt

GAYLORD

898. Beaver Tool & Engineering Corp.
500 W. County Rd.
GA 7901

GRAND BLANC

899. Easton, Russell
8033 McCandlish Rd.
Route #1
Phone: Goodrich 3423
900. Krutka, Paul P.
6131 Westview Dr.
TR 1-4603

GRAND HAVEN

901. Detrex Chemical Industries, Inc.
747 Grant St.
Phone: 2811
902. De Young, Donn
Hillcrest Ave.
Phone: 3839J
903. King Tool Steel Warehouse
1533 Marion St.
GR 5381
904. Jonker Hardware
212 Washington St.

GRAND RAPIDS

905. Abrado Finish Corp.
1750 Elizabeth, Northwest (4)
GL 6-1555
906. Airborne Instruments Laboratory
403 Building & Loan Bldg. (2)
GL 6-8529
907. Allis-Chalmers Manufacturing Co.
5-7 Lyon St., Northwest (2)
GL 9-8249
908. Allis Co., The Louis
1974 S. Division Ave.
CH 5-1119
909. Aluminum Co. of America
812 Michigan National Bank Bldg. (3)
GL 2-0209
910. Ammerman Industrial Supply Co.
329-333 Bridge St., Northwest (4)
- 910A. Armeo Steel Corp.
455 Cherry St., Southeast (3)
911. Aro Equipment Corp.
1942 Adams St., Southeast
CH 5-0776
912. Associate Handling Equipment
422 Fuller Ave., Northeast (3)
913. B. H. W. Tool Sales, Inc.
610 Fulton Ave., West
GL 9-4209
914. Baird, Darcy L.
1015 Orchard, Southeast (6)
CH 3-1912
915. Barclay, Ayers & Bertach Co.
321-323 Bond Ave., Northwest (2)
GL 1-2761
916. Barkhurst, C. R.
4142 Milan, Southwest
LE 2-6290
917. Barnes Co., Victor
650 Ann St., Northwest
918. Behr-Manning Co.
1529 Division Ave., South (7)
CH 5-0428
919. Bellows Co., The
B. & G. Terminal Bldg.
GL 4-2636
920. Bergers Supply Co.
412 Monroe Ave., Northwest
GL 6-1509
921. Berggren, Eskild V.
5304 Plainfield Rd., Northeast (5)
EM 1-6464
922. Berry Co., C. H.
231 Cherryland, Northwest
GL 4-1783
923. Boyer-Campbell Co., The
301 Indiana Ave., Northwest
924. Bridgeport Brass Co.
200 Federal Square Bldg. (2)
925. Cahill Co., Walter F.
P. O. Box 289
CH 3-0996
926. Central Industrial Supply Co.
1309 Fulton St., East
GL 8-1288
927. Chase Brass & Copper Co.
1537 Plainfield Ave., Northeast (5)
RI 2-1648
928. Copper & Brass Sales, Inc.
1855 Turner, Northwest (4)
EM 1-6681
929. Courser, Charles M.
1811 Silver Ave., Southwest (7)
930. Crane Packing Co.
1381 Meadow Lane Dr., Southeast
GL 2-6440
931. Crucible Steel Co.
4000 Eastern Ave., Southeast (8)
CH 5-1185-6-7
932. Danly Machine Specialties, Inc.
113 Michigan St., Northwest (2)
GL 6-1535
933. Davidson, Arthur L.
2721 Albert Dr. (6)
CH 3-1583
934. Davidson Co., Howard R.
1200 Burton St., Southeast (7)
CH 5-1116
935. De Korne Cutting Tools, C. B.
652 Turner Ave., Northwest (4)
Phone: 8-2011
936. Dennis, Victor H.
1154 Calvin Ave., Southeast (7)
CH 5-3614
937. Detrex Chemical Industries, Inc.
133 Weston St., Southwest
GL 9-4368
938. Dettling, Geo. H.
1012 S. Cherry St., Southeast (6)
939. DeVilbiss Co., The
511 W. Fulton St. (2)
GL 6-1674
940. Dewey Co., E. B.
314 Straight, Southwest (2)
GL 4-1825
941. DoAll Grand Rapids Co.
1211 Burton St., Southeast (7)
CH 5-2191
942. Douglass Sales Co.
P. O. Box 311 (2)
GL 2-4898-8-3961
943. Easley Machinery, E. L.
944. Ex-Cell-O Corp.
756 Burton, Southeast
GL 2-9538
945. Farra, N. R.
P. O. Box 635
GL 4-4211
946. Fauver Co., Inc., J. N.
2147 Englewood, Southeast (6)
CH 5-1247
947. Flaherty Co., L. H.
P. O. Box 877
638 Griggs, Southeast
CH 5-9622
948. Fredricks Co., Jack
1617 Edgewood, Southeast (6)
949. Gates, Willard R.
2346 ElDorado Dr., Southeast
CH 5-5223
950. General Electric Co.
425 Cherry St., Southeast (2)
GL 6-7195
951. Good Steel Service
3025 Madison, Southeast (8)
CH 1-4425
952. Grand Rapids Chemical Branch
402 McKay Tower (2)
GL 1-2938

SALES OFFICES

MICHIGAN

GRAND RAPIDS (cont.)

953. Grand Rapids Forging & Steel Co.
617 Ottawa Ave., Northwest (2)
GL 6-5311
954. Grand Rapids Ind. Welding &
Conveyor Corp.
844 Grandville Ave., Southwest (9)
GL 6-1708
955. Grand Rapids Rubber Products Co.
519 Monroe Ave.
GL 6-1708
956. Grand Rapids Supply Co.
Grandville and Wealthy, Southwest
(3)
GL 6-1721
957. Hanson-Van Winkle-Munning Co.
631 Chestnut St., Southwest (2)
GL 9-8191
958. Haviland Products Co.
421 Ann St., Northwest (2)
959. Hayden Supply Co.
41 Market, Southwest
GL 1-2711
960. Hayes, Roy
445 Wealthy, Southeast
GL 9-7881
961. Hetler Equipment Co.
1904 Clyde Park Ave., Southwest
962. Holcomb Co., A. L.
912 Grandville Ave. (9)
CH 1-4411
963. Houghton & Co., E. F.
4201 Reeds Lake Blvd., Southeast (6)
CH 3-7828
964. Howell Electric Motors
2461 28th St., Southwest
P. O. Box R 45
LE 4-2291
965. Industrial Air & Hydraulic
Equipment Co.
339 Ball Park Blvd.
GL 6-7325
966. J-F Equipment Co.
1617 Edgewood Ave., Southeast
967. Keldon Co.
1010 Three Mile Rd., Northeast
968. Kent Rubber Supply Co.
1901 Godfrey Ave.
CH 5-0418
969. Kirkhof Distributing Co.
P. O. Box B-38
1401 Madison Ave., Southeast
CH 1-2621
970. Korest Co., Alan
900 Monroe St., Northwest
971. Lakeshore Material Handling Co.
3057 Madison Ave., Southeast
CH 5-2163
972. Leeds & Northrup Co.
1244 Ravennas, Southeast
GL 4-2161
973. Lee's Tool Sales Co.
900 Monroe Ave., Northwest
GL 8-0678
974. Lincoln Electric Co., The
1355 Century Ave., Southwest (9)
CH 1-5645-3646
975. Mackay Industrial Sales
2131 Kalamazoo Ave. (7)
CH 1-1671
976. Manufacturers Sales
990 Waltham Ave., Southeast (6)
GL 4-7151
977. Manufacturers Supply Co.
36 Commerce St., Southwest (2)
GL 9-8336
978. McCormick, William H.
1820 Eastbrook St., Southeast (8)
GL 2-3600
979. Melson Industrial Supply
604-606 Bridge St., Northwest (4)
980. Michigan Abrasive Co.
4085 Northgate, Northeast (5)
EM 1-1731
981. Michigan Bearing Co.
906 Grandville Ave., Southeast
CH 1-1688
982. Midwest Lift Truck Co.
362 44th St., Southwest (8)
983. Monahan Co., Joseph
351 Indiana Ave. (4)
GL 8-5917
984. Monahan Standard Co.
347 Indiana Ave., Northwest (4)
GL 8-5917
985. Monical Machinery Co.
2029 Bristol Ave., Northwest (4)
986. Morrison Industrial Equipment Co.
3015 S. Division
987. Mottashed, Clifford G.
190 Monroe St., Northwest (2)
GL 4-9558
988. Mueller Brass Co.
48 Division Ave., North (2)
GL 4-2278
989. National Refining Co.
134 Weston, Southwest
GL 9-3544
990. Nash Co., William H.
1974 S. Division
GL 2-0929
991. Nemic Machinery Co.
20 Cottage Grove, Southwest
CH 1-1681
992. Nelson Co., Geo. B.
1636 Division Ave., South (10)
GL 4-4577
993. Newby, Thomas E.
P. O. Box 128, Station C.
1012 Cherry (6)
GL 8-8459
994. Oliver Machinery Co.
1025 Clancy Ave., Northeast (2)
995. Optical Equipment Co.
1919 Sterling Ave., Northwest
996. Pace Co., F. D.
1725 Stehouwer, Northwest (4)
EM 1-2658
997. Peninsular Steel Co., The
1590 Madison Ave., Southeast (7)
CH 5-9294
998. Perry, John M.
2339 Oakwood Dr., Southeast (8)
CH 9320
999. Petruno, John
1555 Edith, Northeast
GL 6-5886
1000. Pike, Thomas L.
1015 Northlawn, Northeast (9)
EM 1-5591
1001. Purity Cylinder Gases, Inc.
2580 28th St., Southwest (9)
1002. Ranville Co., F.
241 Pearl St., Northwest (2)
GL 6-1737
1003. Rapistan of Michigan
510 Monroe Ave., Northwest
1004. Reliance Electric and Engineering Co.
P. O. Box 25
1514 Wealthy St., Southeast (6)
GL 6-5314
1005. Revere Copper and Brass, Inc.
Keeler Bldg. (2)
1006. Reynolds Metals Co.
Beverly & Porter Sts. (2)
CH 3-0156
1007. Richmond, Jack L.
756 Burton, Southeast
GL 2-9588
1008. Sandling Co., M. J.
614 Murray Bldg.
GL 9-8156
1009. Sharon Steel Corp.
756 Burton, Southeast (7)
1010. Sheffield-Michigan Sales Corp., The
1418 Hazen Ave., Southeast
GL 2-2830
1011. Standard Machinery Co.
347-353 Indiana Ave., Northwest (4)
GL 8-5917
1012. State Supply & Engineering Co.
885 Grandville Ave., Southwest (9)
1013. Steel Sales Corp.
226 Federal Square Bldg. (2)
GL 9-3981
1014. Stevens, Ken
1513 Mayfield Ave., Northeast (5)
GL 4-4192
1015. Sun Oil Co.
1111 Wallen Ave., Southwest
CH 3-0147
1016. Swanson Machinery Co.
11 Fuller Ave., Southeast (8)
GL 8-8619
1017. Tannewitz Works, The
GL 6-1729
1018. Taylor-Thompson Machinery
Co.
2137 Division Ave., South
CH 3-9468
1019. Turner Industries
3125 Madison Ave., Southeast (8)
CH 5-1183
1020. Udylyte Corp., The
522 Stocking Ave., Northwest
GL 9-6214
1021. Verway Co., C. J.
555 28th St., Southwest (9)
LE 3-0704
1022. Vickers, Inc.
1331 Lake Dr., Southeast (6)
GL 6-1146
1023. Walstrom, A. M.
1219 Hall St., Southeast
GL 2-5831
1024. Walgren Co., C. H.
425 Cherry St., Southeast (3)
GL 1-2733
1025. Warner & Swasey Co., The
346 Worcester Dr., Northeast
GL 4-4860
1026. Weirton Steel Co.
645 Cherry, Southeast (2)
GL 8-1109
1027. Wing and Jabaay
2685 S. Division Ave. (7)
CH 1-2125
1028. Wolf & Associates, E. D.
756 Burton Southeast (7)
GL 2-5365
1029. Wolverine Cutter Co.
1064 Butterworth St., Southwest
GL 4-0291
1030. Wolverine Solvents and Chemicals Co.
2940 Stafford Ave., Southwest (8)
CH 5-9111
1031. Wood Co., The Jay
3251 Lake Michigan Dr., Northwest
GL 6-8391

GROSSE ILE

1032. Miller, Carl D.
P. O. Box 36
DU 6-0900
1033. Smit & Sons of Michigan, Inc., J. K.
9105 Macomb Ave.
OR 6-3706

GROSSE POINTE

1034. Angell, John H.
969 Balfour Rd. (30)
1035. Degnan, Jim
1100 Harvard Rd. (30)
TU 2-1054
1036. Foley, J. S.
343 Merriweather Rd. (36)
TU 5-3127
1037. Horsch, William F.
P. O. Box 5211 (36)
TU 1-9405
1038. International Chemical Co., Inc.
1123 Yorkshire Rd. (30)
TU 5-3565
1039. Kormmeier, E. J.
1011 N. Oxford Rd. (36)
TU 1-5555
1040. Macco Products Co., The
1034 Kensington Rd. (30)
TU 2-3456

GROSSE POINTE FARMS

1041. Trombly, H. J.
477 Chalfonte Ave. (30)
TI 6-7290

GROSSE POINTE SHORES

1042. Wolff, H. B.
44 Colonial Rd. (36)
TU 1-5830

GROSSE POINTE WOODS

1043. Beach, C. E.
1595 N. Renaud Rd.
TU 1-9591
1044. Becker, R. C.
20057 Berns Ct. (36)
1045. Carter Engineering & Sales
21031 Mack Ave. (36)
TU 4-1820

HAMTRAMCK

1046. Sun Oil Co.
3884 Holbrook Ave. (12)
TR 3-8100

HIGHLAND PARK

1047. Armour Coated Abrasives Div.
75 Oakman Blvd. (3)
TU 3-3200
1048. Grant Sales
12928 Woodward Ave. (3)
TO 8-1386
1049. Motor City Distributors, Inc.
580 E. Six Mile Rd. (3)
TO 8-1322
1050. Petrie Products & Engineering Co.
16512 Hamilton Ave. (3)
1051. Tool Sales Co.
46 Victor Ave. (3)
1052. Vanadium-Alloys Steel Co.
345 Midland Ave.
TO 8-6531-38

HAZEL PARK

1053. Andrews Co., Edward
420 W. Nine Mile Rd.
1054. Davis Gage & Engineering Co., A. G.
21435 Dequindre
JO 4-5816
1055. Electro-Mec Associates
4012 Nine Mile Rd.
JE 6-1000
1056. Gendron, Inc., H. L.
22034 Dequindre
LI 1-8600
1057. Hawes Industries
23621 Dequindre
LI 4-3240
1058. Keystone Plating Supply, Inc.
21039 Dequindre
JO 6-3952
1059. Meier Brass & Aluminum Co.
1471 E. Nine Mile Rd.
JO 6-3902
1060. Metals Finishing Corp.
836 E. Ten Mile Rd.
JO 4-6540
1061. Rosaen Co., The
1776 E. Nine Mile Rd.
1062. Tracer Control Co.
595 E. Ten Mile Rd.
LI 2-6113-JO 4-6525
1063. United Laboratories
3132 Garrick

HOLLAND

1064. Felker, Paul J.
53 E. 29th St.
EX 6-8484
1065. Holland Industrial Supply Co.
77 E. 34th St.
EX 6-7143

HOLT

1066. Heald Machine Co.
1838 Hall St.
OX 4-8841

HOWELL

1067. Houghton & Co., E. F.
1285 S. Michigan Ave.
HO 1607
1068. Reuland Electric Co.
4500 E. Grand River Ave.
Phone: 1430-31-32

HUNTINGTON WOODS

1069. Kavanagh Sales
26750 York Rd.
1070. Ohio Seamless Tube Div.
26125 Woodward Ave.

INKSTER

1071. Bay State Abrasive Products Co.
25600 Princeton Rd. (27)
LO 5-8570
1072. Courtney, John E.
200 John Daly
LO 3-1760

IRON MOUNTAIN

1073. Lake Shore, Inc.
Box 911
Phone: 2-980

ISHPEMING

1074. Burrige-Nyland Equipment Co.
212 Front St.
P. O. Box 358
HU 5-5112

JACKSON

1075. Alro Steel Corp.
503 Belden Rd.
ST 9-6138
1076. Aluminum Co. of America
1405 National Bank Bldg.
ST 4-8535
1077. Allis-Chalmers Manufacturing Co.
297 W. Michigan Ave.
ST 4-8591
1078. Bellows Co., The
225 S. Mechanic
ST 2-4483
1079. Coon-Simonds Associates
548 N. Mechanic St.
ST 2-9097
1080. Detrex Chemical Industries, Inc.
531-543 Liberty St.
ST 9-6331
1081. Electric Wholesale Supply Co.
2503 E. Michigan St.
ST 2-7123
1082. General Electric Co.
120 W. Michigan Ave.
ST 9-7147
1083. Globe Div.
540 Wayne St.
ST 2-0345
1084. Hamlin Co., C. E.
225-229 N. Jackson St.
ST 2-8255
1085. Hunt, W. E.
1700 Warren Ave.
ST 3-4175
1086. Industrial Tool & Welding Supply
118 N. Roberts
1302 E. Michigan Ave.
Box 225
ST 4-8594
1088. Jackson Welding Supply Co.
204 Homewild Ave.
1089. Kent-Moore Organization
1090. Kopplin Co., John
795 Park Rd.
ST 4-2229
1091. McLaughlin, Ward & Co.
409 S. 23rd St.
1092. Miller Co., F. P.
718 E. Michigan St.
ST 4-6109
1093. Morrison Ind. Equipment Co.
417 Liberty St.
1094. Robbins Tool Supply Co.
118 N. Roberts St.
P. O. Box 635
ST 4-3160
1095. Sanders & Stewart, Inc.
608 E. Pearl St.
ST 2-9531
1096. Smith Winchester Co.
134-148 S. Mechanic St.
ST 2-9461

MICHIGAN

1097. Sun Oil Co.
144 Monroe St.
ST 2-8271
1098. The Tool Crib
762 Elmwood St.
ST 4-1985
1099. Triple Mill Supply Co.
801 Wildwood Ave.
ST 2-8193
1100. U & I Supply Co.
921 Jackson Ave.
ST 9-6194
1101. Udyllite Corp., The
1016 Westfield Dr.
ST 4-4298
1102. Utility & Industrial Supply Co.
921 E. Michigan Ave.
ST 9-6194
1103. Watts, Joe
813 Elgin Ct.
ST 9-9893
1104. Zoerman Clark Manufacturing Co.
626 N. Mechanic St.
ST 9-6288

KALAMAZOO

1105. Acme Welding Supply, Inc.
812 Alcott St.
1106. Allen Electric & Equipment Co.
2101-17 N. Pitcher St.
1107. Barber-Colman Co.
209 W. S. Dewing Bldg. (2)
FI 2-2519
1108. Bard Steel and Mill Supply Co.
251 N. Edwards St. (2)
FI 3-2691
1109. Bard Tool & Equipment Co.
251 N. Edwards St.
FI 3-2691
1110. Bellows Co., The
208 Elm St.
FI 5-0924
1111. Bond Supply Co.
524 N. Rose St.
FI 2-0184
1112. Craftools, Inc.
2723 E. Michigan
FI 4-8611
1113. Deming, John
528 Fairview
1114. Depatie Fluid Power Co.
234 S. Burdick St.
FI 9-1816
1115. Detrex Chemical Industries, Inc.
P. O. Box 126
Phone: 3-1647
1116. Dewey Co., E. B.
2519 Lake St.
P. O. Box 442
FI 4-6163
1117. Fauver Co., J. N.
343 Glendale Blvd.
FI 2-1684
1118. General Electric Co.
927 S. Burdick St.
FI 5-8579
1119. Hackett Co., J. Lee
4250 Pembroke St.
1120. Hapman Conveyors, Inc.
630 Gibson St.
FI 3-1675
1121. Industrial Automation Corp.
225 S. Dartmouth
FI 5-1936
1122. Industrial Sales & Engineering Co.
3301 Portage St.
FI 5-7988
1123. Industrial Tool Service
412 Harrison St.
FI 5-8621
1124. Kalamazoo Mill Supply
1820 Lake St.
FI 5-1158
1125. Kandler Co., John E.
618 E. Michigan Ave.
Phone: 7011
1126. Kendall Industrial Supplies, Inc.
1918 King Hwy.
FI 5-1155

SALES OFFICES

MICHIGAN

KALAMAZOO (cont.)

- 1127. Lindberg Engineering Co.
1710 Kingston Ave.
FI 3-2909
- 1128. Loughhead Co., Joseph E.
326 W. Kalamazoo Ave. (11)
KA 3-1231
- 1129. Marion Co., Gilbert J.
Box 8364
548 Lake St.
Phone: 5-2156
- 1130. Metal Product Sales, Inc.
P. O. Box 681
FI 5-8924
- 1131. Morrison Ind. Equipment Co.
1226 E. Michigan
- 1132. National Refining Co.
3601 N. Burdick St.
FI 3-1921
- 1133. Roto-Finish Co.
3709 Milham Rd.
FI 3-3578
- 1134. Safety Services, Inc.
1903 W. Main St.
- 1135. Sorlie Co., Robert M.
519 Mills St.
FI 5-5195
- 1136. Standard Gage Co., Inc.
103 N. Burdick St.
FI 2-4040
- 1137. Thompson, J. R.
3011 Hill 'N Brook Dr.
FI 4-0703
- 1138. Thurrow, Don
609 W. Lovell
FI 4-3327
- 1139. U. S. Electrical Motors, Inc.
208 Elm St.
FI 5-4998
- 1140. Upjohn Co., Henry
655 Lake St. (7)
FI 3-2571
- 1141. Ward, Harmon C.
122 Crescent Dr.
FI 5-7990
- 1142. Welding Supplies & Gases
321 E. Vine St.
- 1143. Wilson-Brinker Co.
612 Academy St.
FI 3-2567
- 1144. Wilson, John L.
819 Reed St.
FI 9-1039

LAKE ORION

- 1145. Johns Sales Co., Cliff
374 Bunny Run Rd.
MY 3-1433
- 1146. Supreme Products Corp.
374 Bunny Run Rd.
MY 3-1433

LANSING

- 1147. Barber-Colman Co.
1004 Prudden Bldg. (16)
IV 3-6268
- 1148. Carrier Corp.
124 W. Allegan St. (68)
IV 3-2560
- 1149. Cathey Co.
300 Verilinden Ave.
IV 3-8491
- 1150. Central Michigan Tool Supply Co.
1216 Turner St. (5)
IV 4-9401
- 1151. Demco, Inc.
3525 Capital City Blvd.
P. O. Box 806 (5)
IV 7-0823
- 1152. Drummond Industrial Supply Co.
427 S. Capital St.
- 1153. Gardner-Denver Co.
3004 Turner St.
IV 9-9059
- 1154. General Electric Co.
814 Michigan Nat. Tower (8)
IV 4-4384

- 1155. Hammond-Hayes & Co.
1034 N. Washington Ave. (6)
IV 9-9311
- 1156. Hoffmeyer, W. J.
1434 Pettis St.
Phone: 4-1031
- 1157. Macco Products Co., The
730 Downer Ave.
IV 4-1897
- 1158. MacFarland, G. S.
2524 Dillingham Rd.
IB 2-7498
- 1159. Mill Supplies Corp.
336 E. Michigan Ave. (29)
IV 2-0894
- 1160. Morris Ind. Equipment Co.
501 N. Walnut
- 1161. Precision Tool Supply Co.
913 E. Saginaw St. (12)
- 1162. Production Equipment Co.
226 S. Capitol Ave. (23)
IV 9-0214
- 1163. Schaberg-Dietrich Hardware Co.
1611-35 N. Grand River Ave. (4)
IV 4-5305
- 1164. Schneider Co., A. D.
Box 337
408 E. Grand River Ave. (2)
Phone: 4-4910
- 1164A. Sheffield-Michigan Sales Corp., The
P. O. Box 8716
- 1165. Shrank, J. W.
1516 Victor Ave.
IV 9-9763
- 1166. Snyder Co., M. C.
914 Michigan National Tower (4)
IV 7-5475
- 1167. Sturm Tool Co.
705 E. Main St. (11)
- 1168. Weirton Steel Co.
124 W. Allegan St. (8)
IV 4-7469
- 1169. Wolverine Co.
P. O. Box 2154
310 S. Charles St. (11)
Phone: 2-8265

LAPEER

- 1170. Industrial Associates
2535 Baldwin Rd.
MO 4-2567

LATHRUP VILLAGE

- 1171. Farina, J. A.
18511 Glenwood Ave.
WO 1-5164
- 1172. Steinfurth, Geo.
28252 Red River

LIVONIA

- 1173. Alexander, C. H.
9915 Ingram St.
GA 1-6963
- 1174. Barnum Co., H. H.
12201 Merriman Rd.
P. O. Box 2103
KE 1-7504
- 1175. Borel & Dunner
19313 Farmington Rd.
GR 4-2122
- 1176. Jensen, John C.
12201 Merriman Rd.
P. O. Box 2053
- 1177. Jostich, Rudolph
17510 Mayfield
GA 2-0375
- 1178. Weidner, Tom
29458 Barkley Ave.
- 1179. Westinghouse Air Brake Co.
31707 Plymouth Rd.
GA 1-1980
- 1180. Whirl-Dex Co.
13158 Merriman Rd.
GA 2-5040
- 1181. White, Walter
15003 Merriman Rd.
GA 2-3030

MADISON HEIGHTS

- 1182. Mid-West Abrasive Co.
25812 John R.
- 1183. Tocco Div.
30100 Stephenson Hwy.
JO 4-6880
- 1183A. Valenite Metals Div.
The Valeron Corp.
31100 Stephenson Hwy.

MANCHESTER

- 1184. Brown & Sharpe Cutter Service Co.
715 E. Duncan St.
GA 8-8311

MARQUETTE

- 1185. DeHaas Co., C. T.
Box 89
Kaufman Bldg.
CA 6-6515
- 1186. Industrial Engineering & Sales Corp.
700 Champion St.
CA 6-8161
- 1187. Wisconsin Bearing Co.
703 W. Washington St.
CH 6-7537

MARSHALL

- 1188. Exact Weight Scale Co., The
339 N. Grand Ave.
ST 1-8138
- 1189. Wolf & Associates, E. D.
411 East Dr.
ST 1-2322

MEMPHIS

- 1190. Empire Tool Co.
11500 Laubs Rd.
ME 108

MENOMINEE

- 1191. Christensen Machinery & Supply Co.
1320 First St.
UN 3-5541
- 1192. Northern Hardware & Supply Co.
705 Sixth Ave.

MILFORD

- 1193. Fremlin, J. C.
625 Half Acre Dr., Box 134
MU 4-0512

MONROE

- 1194. Monroe Engineering Products Co.
1515 Hurd Rd.
CH 1-1836

MT. CLEMENS

- 1195. McCollom, R. L.
21325 Drexel Dr.
HO 3-4277

MUSKEGON

- 1196. Detrex Chemical Industries, Inc.
410 Morris Ave.
Phone: 2-6071
- 1197. Engineering & Material Handling
Industries
487 W. Forest Ave.
Phone: 23-548
- 1198. Factory Supply Co.
1036 Terrace St.
Phone: 28-226
- 1199. Fitzpatrick Electrical Supply Co.
444 Irwin Ave.
Phone: 36-261
- 1200. Gilbert, E. M.
2323 Harding
- 1201. Independent Electric Co.
699 W. Laketon Ave.
Phone: 2-2658
- 1202. Kerns Co., L. R.
1167 Peck St.
MU 6-3525
- 1203. Lakeshore Machinery and Supply Co.
400 W. Laketon Ave.
Phone: 2-6655

SALES OFFICES

MICHIGAN

- 1204. M. C. Supply Co.
503 Center St.
MU 4-1127
- 1205. M & I Supply Co.
1770 8th St.
Phone: 2-7486
- 1206. Morrison Ind. Equipment Co.
841 Barney at Getty St.
- 1207. Muskegon Hardware & Supply Co.
605 W. Western Ave. (5)
Phone: 23-767
- 1208. Muskegon Marking Equipment Co.
1147 Third St.
- 1209. Talbott, W. B.
2309 Baker St.
- 1210. Towne Hardware & Supply Co.
1849 Peck St.
Phone: 2-2651
- 1211. Wilson, Frank E.
120 E. Forest Ave.
Phone: 2-3436

MUSKEGON HEIGHTS

- 1212. Cleveland Tramrail Grace Co.
Box 35
- 1213. Edson Engineering & Sales, E. J.
- 1214. Reid Tool Supply Co.
332 W. Delano Ave.
MU 6-3561
- 1215. Tupes Spring & Welding Service
2034 Peck St.

NEW BALTIMORE

- 1216. Charron, Ralph
48787 Bayshore Dr.
RA 5-0224

NEW HUDSON

- 1217. Sweet, Harold C.
Post Office Bldg.
GE 8-2081

NILES

- 1218. Lincoln Electric Co., The
2425 Rebecca La.
Phone: 1809M
- 1219. Swartz Machinery, H. L.
U. S. 112 AND M-60, West
MU 3-2231

NORTH MANCHESTER

- 1220. Hackett Brothers, Inc.
202 W. Main St.
Phone: 112

NORTH MUSKEGON

- 1221. M. C. Supply Co.
503 Center St.
Phone: 4-1127
- 1222. Wilcox-Olds Tool Supply
2214 Mills Ave.
Phone: 4-4224

NORTHVILLE

- 1223. Hall Tool Co.
46640 W. Seven Mile Rd.
WO 1-2123
- 1224. Williams, Archie
547 W. Main St.
FI 9-3372

OAK PARK

- 1225. Gardner-Denver Co.
12700 Capital Ave. (37)
JO 6-7150
- 1226. Industrial Abrasive Co.
21630 Wyoming Ave. (37)
JO 6-4715
- 1227. Knopf Sales Co., Mel
24350 Condon Ave.
LI 5-9234
- 1228. Richardson Co., The
13730 W. Eight Mile Rd. (37)
LI 7-9435

OKEMOS

- 1229. Chapman, James F.
2000 Pawnee Trail
ED 2-5481
- 1230. Mason, Glenn
P. O. Box 445
ED 2-6133

ORCHARD LAKE

- 1231. Oliver, Bill
R. F. D. 2
6045 Upper Straits Blvd.
Phone: Commerce: EM 3-2546

OWOSSO

- 1232. GB Industrial Supply Co.
825 Corunna
SA 5-7541
- 1233. Mid-West Abrasive Co.
510 S. Washington St.
- 1234. Owosso Bolt & Brass Co.
327-329 Jerome St.
SA 5-2131

OXFORD

- 1234A. Calek, James
3670 Indian Lake Rd.

PETOSKEY

- 1235. Fochtman Motor Co.
417 Michigan St.

PLAINWELL

- 1236. Arcan Sales & Engineering
U. S. 131, South
MU 2-3651

PLEASANT RIDGE

- 1237. Burleigh & Stocker Machine Tool Co.
23675 Woodward Ave.
JO 4-8555
- 1238. Cincinnati Milling and Grinding
Machines, Inc.
24100 N. Woodward Ave.
JO 4-6694
- 1239. Freeman & Co.
23675 Woodward Ave.
JO 4-6644
- 1240. Hartley Products Co.
23908 Woodward Ave.
JO 4-5907
- 1241. Walmil Co.
23908 Woodward Ave.
LI 5-4999

PLYMOUTH

- 1242. Milroy, Bruce
655 Byron St.
GL 3-0562
- 1243. Ramsey, R. A.
713 Virginia Ave.
GL 3-7167
- 1244. Smitherman, Roy
624 Evergreen

PONTIAC

- 1245. Aluminum Co. of America
301 Pontiac State Bank Bldg. (15)
FE 4-1531
- 1246. Ault, Harry
4685 Charest (18)
FE 5-9070
- 1247. Begle, H. E.
2448 Locklin La.
EM 3-0311
- 1248. Cutting Tools & Supplies
88 S. Cass Ave.
FE 2-0108
- 1249. Davis, George H.
440 Kendry
FE 4-9684
- 1250. Fisher, A. L.
2289 Oakway Dr.
FE 5-4641
- 1251. Forster Tool & Supply Co.
766 Woodward Ave.
FE 2-0237

- 1252. Futurmill, Inc.
6360 Highland Ave.
OK 3-1267
- 1253. Oakland Mill Supply Co., Inc.
316 Irwin Ave.
FE 3-7147
- 1254. P. T. Standard Parts Co.
120 E. Columbia St.
FE 4-9521

PORT HURON

- 1255. Anker Holth Manufacturing Co.
- 1256. Beard-Campbell Co.
514 Broad St.
YU 5-7106
- 1257. Campbell Co., Inc., Marshall E.
514-16 Broad St.
YU 5-7106
- 1258. Moak Machine & Tool Co.
YU 5-7164
- 1259. Port Huron Equipment Co.
2222 Lapeer Ave.
YU 5-5196
- 1260. Port Huron Machine Products Co.
P. O. Box 206
YU 4-4188

POWERS

- 1261. Wisconsin Industrial Truck Co., Inc.
P. O. Box 101

RIVER ROUGE

- 1262. Sun Oil Co.
500 S. Dix Ave. (17)
VI 3-4260

ROCHESTER

- 1263. Bowers Co., Daniel L.
6622 Crooks Rd.
- 1264. National Twist Drill & Tool Co.
6841 N. Rochester Rd.
OL 1-9531

ROSEVILLE

- 1265. Industrial Associates, Inc.
25195 Barbara St.
PR 2-5757
- 1266. Keystone Reamer & Tool Co.
27560 Groesbeck Hwy.
P. O. Box 506
- 1267. Richardson, John C.
P. O. Box 481
PR 8-3000
- 1268. Tucker, R. V.
26269 Groesbeck Hwy.
PR 3-0448

ROYAL OAK

- 1269. Acme Industrial Products
P. O. Box 468
JO 4-6875
- 1270. American Instrument Co., Inc.
4012 W. 13 Mile Rd.
- 1271. Anderson, Richard V.
4405 W. 13 Mile Rd.
JO 6-7171
- 1272. Bearss, Floyd L.
1433 Northwood Blvd.
LI 7-6777
- 1273. Bearss, Leland M.
1216 Lyons Ave.
LI 1-2444
- 1274. Butler-Brewen
1014 E. Lincoln
LI 2-0801
- 1275. City Tool Corp.
3848 Hillside Ct.
LI 9-4070
- 1276. Clark, Earl
4162 Auburn Rd.
LI 9-4863
- 1277. Cook, James P.
3313 Coolidge

SALES OFFICES

MICHIGAN

ROYAL OAK (cont.)

- 1278. Detroit Gas Products Co.
925 E. Ten Mile Rd.
1279. Elon Corp. of Michigan
1830 N. Stephenson Hwy. (3)
MU 9-1921
- 1280. Fakes Co., Joseph B.
1415 Etowah Ave.
LI 1-0517
- 1281. Featherstone Dan
29161 Mark Blvd.
LI 7-2314
- 1282. Fellows Gear Shaper Co., The
1048 N. Woodward Ave.
LI 5-2400
- 1283. Gross, Jack
120 N. Altadena
LI 3-9231
- 1284. Hazerodt Associates
903 S. Woodward Ave.
JO 6-7978
- 1285. Hooker & McCarty Co.
202 Forest Ave.
LI 1-2769
- 1286. Kruse Associates
1925 Vinsetta Blvd.
LI 8-9111
- 1287. Lima Electric Motor Co., Inc., The
3307 Ravens Ave.
LI 9-1919
- 1288. Lindberg Engineering Co.
1220 S. Woodward Ave.
JO 6-3128
- 1289. Martin, George
P. O. Box 186
LI 7-2319
- 1290. McMullen Tool Supply Co.
1801 S. Stephenson Hwy.
LI 5-4600
- 1291. Patton, A. J.
1023 Cedar Hill Dr.
1292. Reeves, Carl
820 Oakridge
- 1293. Roto-Finish Co.
1123 Midland
- 1294. Ryan Co., Inc., Walter B.
4363 Woodward Ave.
LI 9-3300
- 1295. Satullo Co., The
4312 N. Woodward Ave.
JO 6-2375
- 1296. Schilling, Fred V.
1516 W. Webster Rd.
LI 2-3691
- 1297. Subia, John W.
25600 Dundee
LI 3-0112
- 1298. Tech-Matic Specialties, Inc.
P. O. Box 212
LI 7-5526
- 1299. Wheeler & Co., Vern
1428 N. Woodward Ave.
JO 4-6724
- 1300. Whitman, W. E.
1304 Marywood
LI 3-0543

SAGINAW

- 1301. Airborne Instruments Lab.
107 N. Franklin St.
PL 5-0417
- 1302. Avery, Don
923 Almira
- 1303. Beckley Equipment Co.
2940 Bay Rd.
SA 5-5377
- 1304. Bellows Co., The
107 Hayden St.
FI 4-3043
- 1305. Bunn Sales, Gil
8695 W. Tuscola Rd.
Frankenmuth
OL 2-8005
- 1306. Detrex Chemical Industries, Inc.
1840 N. Michigan Ave.
PL 2-4191-4-6446

- 1307. Flack-Pennell Co.
320 S. Baum St.
- 1308. Floeter, Robert
110 S. Hamilton St.
PL 5-6369
- 1309. General Electric Co.
Second National Bank Bldg.
PL 5-8133
- 1310. Grandsen-Hall & Co.
2011 S. Michigan Ave.
PL 5-0566
- 1311. Horn, Richard L.
4121 Wisner St.
PL 5-5429
- 1312. Houghton & Co., E. F.
2022 Gratiot Ave.
PL 2-0710
- 1313. Houlihan, Robert T.
237 Reynick
SW 2-5013
- 1314. Hydro-Mechanical Supply Co.
510 Shattuck Rd.
PL 2-4261
- 1315. Industrial Lift Truck Sales, Inc.
2409 Hess St.
PL 2-0694
- 1316. Industrial Supply Co.
219 Tuscola St.
P. O. Box 278
Phone: 3-6411
- 1317. Industrial Tool Service
418 N. Michigan Ave.
PL 4-6264
- 1318. Lewis Co., R. P.
4058 E. Genesee Ave. (1)
Phone: 3-4425
- 1319. Mahar Tool Supply Co., Inc.
1708 N. Michigan Ave.
PL 5-0521
- 1320. Markey, Edmund L.
820 S. Porter
PL 2-2306
- 1321. Michigan Bearing Co.
2940 Bay Rd.
PL 5-6519
- 1322. Miles Machinery Co.
2025 E. Genesee Ave.
- 1323. Morley Brothers
125 N. Washington Ave.
WO 3-9621
- 1324. Reese, David H.
Box 828
PL 2-0883
- 1325. Reichle Supply Co.
1215 S. Jefferson Ave.
PL 5-3431
- 1326. Reliance Electric and Engineering Co.
226 Goff Bldg.
PL 3-8972
- 1327. Reynolds Metals Co.
107 Hayden St.
PL 5-0528
- 1328. Saginaw Hardware Co.
200-210 S. Hamilton St.
- 1329. Saginaw Supply Co.
100 S. Oakley St.
PL 5-3447
- 1330. Saginaw Welding Supply Co.
426 S. Washington
PL 5-0426
- 1331. Schmerheim Electric Co.
405 Davenport St.
Phone: 2-4129
- 1332. Spencer Equipment Co.
4078 Dixie Hwy.
- 1333. Tapes of Saginaw, Inc.
402 Davenport St.
- 1334. Vascoloy-Ramet Corp.
421 Wisner St.
PL 4-3384
- 1335. Waiz Industrial Supply Co.
401 Atwater St.
- 1336. Wolverine Gas Products, Inc.
311 Stoker Dr.
- 1337. Zehnder, P. J.
1619 Hanchett St.
Phone: 3-2196

ST. CLAIR

- 1338. Darling & Associate, Arthur S.
22673 Bayview Dr.
PR 7-9515

ST. CLAIR SHORES

- 1339. Anocut Engineering Co.
24700 Winton
PR 3-1551
- 1340. Darling & Associates, Arthur S.
P. O. Box 134
PR 3-2518

ST. JOSEPH

- 1341. Detrex Chemical Industries, Inc.
1232 Broad St.
YU 3-1101
- 1342. Lakeland Mill Supply Co.
2909 Niles Ave.
YU 3-1565
- 1343. Schultz Industrial Supply
2826 Niles Ave.
YU 3-5551

SAULT STE. MARIE

- 1344. Utecht, R. J.
1806 Ashmun St.
ME 2-7286

SOUTH HAVEN

- 1345. Jensen International, John C.
404 Broadway
P. O. Box 271
Phone: 1141
- 1346. Walker, Don
R. F. D. #3
Phone: 1352

SPARTA

- 1347. DeVoogd, Adrian J.
Box 274
- 1348. Essley Machinery Co., A. L.
Box 274
Phone: Grand Rapids GL 8-7551

SPRING LAKE

- 1349. Ottawa Industrial Sales
P. O. Box 163
Phone: Grand Haven VI 2-1636
- 1350. Van Kee Tool Co.
17674 W. Springlake Rd.
Phone: Grand Haven 5160

STURGIS

- 1351. Detrex Chemical Industries, Inc.
c/o Eichler Transfer
Phone: 331-J
- 1352. Donaldson Paint Co.
111 N. Nottawa St.
- 1353. Gran-i-Flo Corp., The
400 Norwood Ave.
Phone: 1525 and 1526
- 1354. Slack Co., Art
105 Susan Ave.
Phone: 274-J
- 1355. Sutton Tool Co.
306 Magnolia St.
Phone: 1194 and 1195

THREE OAKS

- 1356. Leaser, J. E.
P. O. Box 68
Phone: 4881

TRAVERSE CITY

- 1357. Woodland Industrial Sales
P. O. Box 85
WT 6-9400

TROY

- 1358. Bowers Co., Daniel L.
6622 Crooks Rd.
- 1359. Denison Engineering Div.
900 W. Maple Rd.
JU 8-2800

UTICA

- 1360. Mac-It Parts Co.
43612 Donley Dr.
RE 2-7979

VAN DYKE

1361. Crown Tool Co.
8407 E. Nine Mile Rd.
SL 8-2240
1362. Mill & Abrasive Supply Co.
21730 Van Dyke
SL 7-3650
1363. Murvay Co., E. R.
22729 Hoover Rd.
1364. Production Tool Supply Co.
11311 E. Eight Mile Rd., Box D
JE 9-1660

WALLED LAKE

1365. Brown, Clarence A.
118 Maudlin Dr.
1366. Charney, A.
7312 Colony St.
EM 3-2517
1367. Seaman, Floyd
9095 Commerce Rd.
EM 3-0190

WARREN

1368. Carlson Dimond & Wright, Inc.
14221 E. Eight Mile Rd.
DR 1-8730
1369. Crown Tool Supply Co.
8407 E. Nine Mile Rd.
SL 8-4420
1370. Farron, T. W.
11449 Timken
JE 9-4200
1371. Gendron Co., H. L.
22034 Dequindre Rd.
LI 1-8600
1372. Hartman, C.
11449 Timken
JE 9-4200
1373. High Speed Sales & Service
8407 E. Nine Mile Rd.
1374. Industrial City Boring Co.
11474 E. Nine Mile Rd.
JE 6-1980
1375. Johnson, C.
11449 Timken
JE 9-4200
- 1375A. Latrobe Steel Co.
26355 Mound Rd.
1376. Murphy, M. C.
12024 E. Nine Mile Rd.
SL 8-6526-21-28
1377. Murvay Co., E. R.
22729 Hoover Rd.
JE 9-2255
1378. Strelinger Co., The Chas. A.
31855 Van Dyke Ave.
JE 9-6900
1379. Wheelock, Lovejoy & Co., Inc.
23220 Pinewood Ave.
JE 9-5600

WAYNE

1380. PurOlator Products, Inc.
3927 Fourth St.

WHITEHALL

1381. Edson, Edward R.
R. #2, Box 251
Phone: 2-4825

WILLIAMSTON

1382. Syntrol Detroit Sales Co.
306 Crossman St.
P. O. Box 102
Phone: 264

WYANDOTTE

1383. Wayne Tool & Supply Co.
1620 Ford Ave.
AV 2-0255

YPSILANTI

1384. Easco Products Co.
P. O. Box 587
NG 3-2558

MINNESOTA

BLOOMINGTON

1. American Smelting and Refining Co.
8916 Columbus Ave., South
TU 1-4109

COLD SPRING

2. Cold Spring Equipment Co.

DULUTH

3. Allis-Chalmers Manufacturing Co.
10 E. Superior St. (2)
RA 7-5061
4. Fairbanks, Morse & Co.
303 Broad of Trade Bldg. (2)
RA 2-7538
5. Gardner-Denver Co.
521 E. Superior St. (2)
RA 7-7453
6. General Electric Co.
14 W. Superior St. (2)
RA 2-2683
7. Handling Equipment Co.
303 Board of Trade Bldg.
RA 2-9066
8. Harnischfeger Corp.
407 Bradley Bldg. (2)
RA 7-6404
9. Ingersoll-Rand Co.
327 W. Michigan Ave. (2)
RA 2-2603
10. Killorin, J. F.
203 N. Central Ave. (7)
11. Mars Co., W. F. & R. S.
322 W. Michigan St.
RA 2-0565
12. Marshall-Wells-Kelly-How-Thomson
300 Lake Ave., South
13. Material Handling Engineers, Inc.
3006 W. First St.
14. P. H. Machinery, Inc.
2923 W. Superior St.
MA 4-5738
15. Rogers Duluth, Inc., H. A.
129 N. Fourth Ave., West
RA 2-0441
16. Satterlee Co., The
411 E. Superior (2)
RA 7-8454
17. Walner Welding Supplies
315 S. First Ave., East (2)

EVELETH

18. Lincoln Electric Co., The
P. O. Box 451
SH 1-5848

EXCELSIOR

19. Anderson Co., S. W.
Route #1, Box 260B
GN 4-6203
20. Ritterson, Harry S.
Rte. #5, Box #658
GN 4-5884

FERGUS FALLS

21. General Electric Co.
108 N. Court Ave.
Phone: 3675

FOREST LAKE

22. Dahliner, R.
Route #2, Box 37-1

GOLDEN VALLEY

23. Webb Co., Jervis B.
600 N. Lilac, Apt. 608
JU 8-9032

HIBBING

24. Bathke Co., F. H.
3106 E. Belt Line Hwy.
25. Lake Shore, Inc.
Hwy 169 West
P. O. Box 401

MINNESOTA

HOPKINS

26. Crane Packing Co.
16609 Hidden Valley Rd.
WE 5-2432
27. Dicks Saws
621 E. Excelsior Ave.
WE 8-6651
28. Grones, Remi P.
12109 Robin Cir.
WE 8801
29. Marsh, Wm. C.
105 Ridgewood Dr.
WE 8-7854
30. Metal-Tools & Equipment Co.
1020 Excelsior Ave., West
WE 5-2138
31. Miller Sales Co.
3835 Shady Oak Rd.
WE 8-2892

HUTCHINSON

32. Stocking, C. H.

LONG LAKE

33. Aro Equipment Corp.
FE 5-4072

MANKATO

34. Southern Minnesota Supply Co.
Corner of Second and Main
P. O. Box 311
Phone: 4501

MINNEAPOLIS

35. Airborne Instruments Laboratory
4439 Hiawatha Ave. (6)
PA 1-4453
36. Air Engineering & Supply Co.
2719 E. Franklin (6)
FE 9-5579
37. Air & Hydraulic Equipment Co.
15 E. 38th St. (8)
TA 3-6118
38. Air Reduction Sales Co.
2429 University Ave. (14)
39. Alemite Co.
1226 Harmon Pl. (3)
40. Allis-Chalmers Manufacturing Co.
821 Marquette Ave. (2)
FE 3-6455
41. Aloe Co. of Minnesota, A. S.
927 Portland Ave. (4)
42. Aluminum Co. of America
1060 Northwestern Bank Bldg. (2)
FE 8-7581
43. American Brass Co., The
607 Marquette Ave. (2)
44. Anderson-Crane Rubber Co.
1213-19 Harmon Pl.
45. Anderson Sales
7012 S. Morgan Ave. (23)
46. Arian Associates
207 E. Lake St. (8)
TA 7-3079
- 46A. Armco Steel Corp.
1460 Rand Tower (2)
47. Arnold, Fred P.
5605 Lyndale Ave., South (10)
TA 4-6090
48. Arrowhead Bearing Co.
1529 Hennepin Ave.
FE 5-1111
49. Bader Tool Sales, Inc.
2800 12th Ave., South
GI 2631
50. Baldwin Supply Co.
1329 S. Sixth St. (4)
51. Barry & Sewall Industrial Supply Co.
1731 Chicago Ave. (4)
FE 9-6377
52. Barstow Co., W. G.
6800 W. Lake St. (16)
WE 9-8568

SALES OFFICES

MINNESOTA

MINNEAPOLIS (cont.)

53. Bellows Co., The
702 W. Broadway
JA 1-1531
54. Bemis-Johnson Co.
1645 Hennepin Ave. (3)
FE 6-4584
55. Berreau Co., T. O.
3718 Cedar Ave. (7)
56. Black & Decker Mfg. Co., The
2815 Nicollet Ave. (8)
TA 3-3283
57. Blesi-Evans Co.
2803 Riverside Ave. (6)
FI 7019
58. Booth & Associates
1932 Drew Ave., South
FE 9-5878
59. Boutell & Son, E. R.
750 Washington Ave., North
FE 5-4151
60. Bridgeport Brass Co.
124 12th Ave., South (15)
61. Carlson Industrial Supply Co.
1009 E. Franklin Ave. (4)
FE 9-6719
62. Carrier Corp.
1729 Nicollet Ave. (3)
FE 6-9681
63. Chain Belt Co.
3033 Excelsior Blvd. (16)
WA 7-7056
64. Chappel & Co., P. E.
417 N. Hopkins Cross Rd.
65. Chase Brass & Copper Co.
145 N. Tenth St. (3)
FE 6-4661
66. Chicago Pneumatic Tool Co.
1406 First Ave., South (3)
FE 9-6747
67. Clark Controller Co., The
807 13th Ave., South (4)
FE 6-4388
68. Cleveland Tramrail Twin City Co.
2907 E. Franklin Ave. (6)
FE 9-2719
69. Colberg, Fay V.
Fay Machinery Co.
210 S. Fifth St. (2)
70. Conroy, William J.
5525 Xerxes Ave., South (10)
WA 6-1004
71. Coppini Sales Co., P. L.
1018 S. Second St. (15)
72. Cowan, William S.
235 Sexton Bldg. (15)
FE 3-5625
73. Crucible Steel Co.
2911 Como Ave., Southeast (14)
FE 3-8221
74. De Laval Separator Co., The
739 Northwestern Bank Bldg. (12)
FE 3-8633
75. Delco Products Div.
2331 University Ave., Southeast (14)
FE 3-3040
76. Delegard Tool Co.
3822 E. Lake St. (6)
77. DeVillbiss Co., The
3016 E. Lake St. (6)
PA 9-2339
78. Dickey, R. J.
3224 Cavell La. (3)
WE 8-2210
79. Diversy Corp., The
2614 Nicollet Ave., South (8)
TA 2-2135
80. DoAll Twin Cities Co.
1328 S. Fourth St. (4)
FE 9-8738
81. Dow Chemical Co., The
1750 Hennepin Ave. (3)
FE 3-2373
82. Drew, Adrian
900 Metropolitan Bldg. (1)
FE 3-0281
83. Duncan Co.
1300 S. Fourth St. (4)
FE 3-5407
84. Dygert Co.
5220 W. 56th St. (24)
WE 9-7784
85. Edey Co., The
1302 Fifth Ave., South (4)
FE 3-2813
86. Elde Co., The John C.
746 N. Fourth St. (1)
FE 9-7621
87. Elde, Inc., R. G.
208 Washington Ave., North (1)
FE 8-4846
88. Eiler Equipment Co.
1107-09 S. Second St. (15)
FE 2-8881
89. Elgin National Watch Co.
2506½ Chicago Ave. (4)
FE 8-2218
90. Elstad Sales Co., Lester L.
5910 Wayzata Blvd. (16)
LI 5-4000
91. Engineered Sales Co.
314 W. 38th St. (9)
TA 4-0696
92. Enterprise Machine Tools, Inc.
312 Erie St., Southeast (14)
GL 1349
93. Erskine Co., W. H.
Box 3164, Traffic Sta. (3)
MI 4-7992
94. Exact Weight Scale Co., The
308 S. Third St. (15)
FE 5-8123
95. Fafnir Bearing Co., The
1607 Hennepin Ave. (3)
FE 6-2635
96. Fairbanks, Morse & Co.
1121 Flour Exchange Bldg. (15)
CA 4-7603
97. Fay Machinery Co.
210 S. Fifth St. (2)
FE 2-4068
98. Federal-Bryant Machinery Co.
210 S. Fifth St.
99. Finishing Equipment & Supply Co.
3702 E. Lake St. (6)
PA 1-1787
100. Fleming, R. J.
9831 Harriet Ave., South (20)
TU 1-5012
101. Forbes Co., Inc., W. D.
129 Sixth Ave. (14)
102. Form Products Co.
24417th Ave. (11)
JA 9-9511
103. Foster Co., John Henry
3020 E. Franklin Ave. (6)
FE 9-7605
104. Foundry Supply Co., Inc., The
7600 Hwy Seven (26)
105. Gambles-Skogmo, Inc.
106. General Electric Co.
12 S. Sixth St. (3)
FE 8-6771
107. Gieffer & Co., F. M.
2644 34th Ave., South (6)
PA 9-2826
108. Gopher Drill & Tool Co.
1102 W. Lake St.
TA 4-8898
109. Granquist Co., Milton
2431 E. Franklin Ave. (6)
FE 9-8678
110. Grimstad Co., J. M.
2943 Noble Ave., North (22)
JU 8-3271
111. Gute Co.
Foshay Tower Bldg.
FE 8-2151
112. Halco Tool & Supply Co.
5018 Xerxes Ave., South (10)
WA 7-9111
113. Hammond Co., Walter R.
1419 Washington Ave., South (4)
FE 8-8945
114. Handling Equipment Co.
704 Portland Ave. (15)
FE 6-9765
115. Harnischfeger Corp.
2614 Nicollet Ave. (8)
TA 7-3677
116. Harris, H. R.
807 13th Ave., South (4)
FE 6-4388
117. Harris Machinery Co.
20th Ave., Southeast, near University
Ave.
118. Hartfel Co., W. F.
6106 Excelsior Blvd. (16)
WE 9-1700
119. Hawkins Chemical Co.
3100 E. Hennepin Ave. (13)
FE 9-7246
120. Hayden-Murphy Equipment Co.
4501 Hiawatha Ave. (6)
FA 9-8308
121. Hill Co., Fred B.
6110 Excelsior Blvd.
WE 9-6727
122. Hubart Welders Sales & Service
106 Glenwood Ave. (3)
123. Houghton & Co., E. F.
130 Washington Ave., South
WE 8-7601
124. Howe Co., J. M.
1645 Hennepin Ave. (3)
FE 8-4684
125. Howell Co., R. R.
126. Huck Manufacturing Co.
11180 Quinn Ave. (20)
FE 6-1558
127. Hume, A. A.
4938 Second Ave., South
TA 2-8791
128. IBM Corp.
Second Ave. and Seventh St. (2)
FE 6-9291
129. I-T-E Circuit Breaker
2025 Nicollet Ave. (4)
FE 9-8796
130. Industrial Supply Co.
1100 Third Ave., South (4)
FE 9-8111
131. Ingersoll-Rand Co.
2020 Snelling Ave. (4)
FE 9-7905
132. Interstate GM Diesel, Inc.
1313 S. Clover Dr. (20)
UN 6-8771
133. Jackson, Robert S.
5020 Oxford South (24)
WE 9-6604
134. Jensen, Howard L.
4721 W. 40th St.
WA 6-3372
135. Johnson Co., Alton M.
3119 Lynn Ave. (16)
WA 7-8741
136. Jones & Laughlin Steel Corp.
Foshay Tower (2)
FE 9-8158
137. Josid Tool Co.
316 E. Hennepin Ave.
138. Junger Steel & Supply
3016 W. 50th St. (10)
- 138A. Kaiser Aluminum & Chemical Sales,
Inc.
3033 Excelsior Blvd. (16)
139. Keelor Steel, Inc.
909 E. Ninth St., Southeast
FE 3-4291
140. Kennametal, Inc.
6733 Humboldt Ave., South (23)
UN 9-0302
141. Kerns Co., L. R.
210 S. Fifth St. (2)
FE 5-0512
142. Keystone Reamer & Tool Co.
57 Forest Dale Rd. (10)
143. Koelker, E. H.
5308 Xerxes Ave., South
WA 6-1266
144. Ladky & Associates, Frank W.
6524 W. Walker St.
WE 9-5151
145. Lakeland Engineering Equipment Co.
116 Third Ave., North (1)
FE 8-7531

SALES OFFICES

MINNESOTA

146. Larsen Co., Ray S.
5914 Portland Ave., South (17)
UN 9-7774
147. Lenmark & Parker, Inc.
6504 Walker St. (26)
WE 9-2631
148. Lewin-Mathes Co.
1015 Third St., North
FE 9-7883
149. Lincoln Electric Co., The
511 13th Ave., South (4)
FE 9-6393-6394
150. Linde Co.
827 Second Ave., South (2)
FE 3-2282
151. Litening Sales Co.
4242 Salem Ave.
152. Luxem, Carl K.
605 Wesley Temple Bldg. (3)
F 9-8311
- 152A. Lyon Metal Products, Inc.
527 Second Ave., South
711 National Bldg. (2)
153. Machinery Exchange Market
254 First Ave., North
154. Machinery Sales Co.
5825 Columbus Ave., South (17)
TA 3-2483
155. Mallory & Co., Inc., P. R.
721 W. Lake St. (8)
TA 7-4636
156. Mankowski, B. J.
3039 Benjamin St., Northeast (18)
157. Marshall, Robert W.
6106 Excelsior Blvd. (16)
158. Marshall, William H.
P. O. Box 5619, Nokomis Station (17)
PA 4-7096
159. Martin Machine Tool Co.
2817 Hennepin Ave. (8)
TA 7-4703
160. Material Handling Engineers, Inc.
4141 Cedar Ave., South
161. Matthews, Fred A.
5301 Benton Ave., South (24)
WE 9-6110
162. May Co., Geo. C.
3651 Cedar Ave. (7)
PA 9-9347
163. McDonald Manufacturing Co., A. Y.
822 Third St., South (15)
164. McGuire, Ray E.
4512 Andover Rd.
WA 2-7158
165. McWaters, G. I.
4379 Mackey Ave. (24)
166. Metal Tools & Equipment Co.
6504 Walker St. (26)
WE 9-5888
167. Midwest Machine Tool Co.
2717 E. Franklin (6)
FE 6-1606
168. Mikelson, J. O.
5044 Penn Ave., South
TA 3-5264
169. Minneapolis Oxygen Co.
814 Glenwood Ave. (5)
170. Minnesota Bearing Co.
1619 Hennepin Ave. (3)
FE 8-7611
171. Minnesota Steel & Machinery Co.
207 Sixth St., Northeast
172. Minnesota Supply Co.
706 Portland Ave. (15)
FE 6-4646
173. Minnesota Welding Supply Co.
1728 Nicollet Ave. (3)
LJ 3293
174. Morse Chain Co.
5000 Normandale Rd.
WE 9-4991
175. Mortensen Industrial Supply Co.
312 University Ave., Northeast (13)
GE 2517
176. Mueller Brass Co.
225 S. Fifth St., Room 201 (2)
FE 5-0573
177. Neff, Kohlbusch & Bissell, Inc.
P. O. Box 5444, Lake St. Station (8)
TA 5-5456
178. Nelson, Inc., C. Emery
2404 E. Hennepin Ave. (13)
FR 1-1881
179. Nelson, R. W.
500 Washington Ave., North (1)
FE 3-7225
180. Nelson Co., Wm. K.
807 13th Ave., South (4)
FE 3-1215
181. Norman Engineering Co.
2726 McKinley St., Northeast (4)
SU 8-8611
182. Norman, Howard K.
7021 Bloomington Ave., South (23)
UN 9-4256
183. Northern Machinery & Supply
2001 Washington Ave., South (4)
FE 5-1125
184. Northwest Service Station Equipment Co.
2520 Nicollet Ave. (4)
TA 5-6802
185. Nott Co., W. S.
201 N. Third St.
FE 3-6501
186. O'Brien, G. G.
3029 Georgia Ave.
St. Louis Park
WE 9-6919
187. Oliver Machinery Co.
605 Sexton Bldg. (15)
FE 5-3700
188. Olson, Charles
15 E. 38th St. (7)
TA 5-7979
189. Olson Sales Co., D. T.
508 Foshay Tower (2)
FE 6-9379
190. Peterson, Fred
2431 Hennepin Ave.
FR 7-3025
191. Peterson Machinery Co., G. C.
117 Washington Ave., North (1)
FE 6-8699
192. Pheoli Manufacturing Co. of Minneapolis
1313 Chestnut St.
193. Plant Equipment, Inc.
607 Sexton Bldg. (15)
FE 6-3122
194. Precision Punch & Die Co.
P. O. Box 6042
WA 7-7906
195. Price, Lloyd M.
3126 Noble Ave., North (22)
JU 8-8863
196. Priess, Douglas
1972 Sheridan Ave., South
FR 7-3750
197. Pugsleasa Co., Robert J.
814 S. Ninth St.
FE 8-6852
198. Quality Machine Tool Sales
6311 Cedar Ave., South (23)
199. Raymond Co., R. X.
4604 Chicago Ave. (7)
TA 7-2641
200. Reliance Electric and Engineering Co.
600 E. Franklin Ave. (4)
FE 9-8531
201. Remington Arms Co., Inc.
614 Plymouth Bldg. (3)
FE 3-5806
202. Rempf & Associates, E. E.
215 Sixth St., Southeast (14)
FE 6-1021
203. Research & Engineering
4240 Lake Rd. (2)
204. Revere Copper and Brass, Inc.
5620 W. Broadway (27)
205. Reynolds Metals Co.
127 Wesley Temple Bldg. (3)
FE 9-4691
206. Ridley Associates
3825 York Ave., North (22)
JU 8-2390
207. Riekes & Sons, S.
240 Tenth Ave. (15)
FE 8-7859
208. Ringerud Equipment Co.
6100 Chowen Ave., South (10)
WA 7-8703
209. Ritchie Engineering Co.
2910 Lyndale Ave., South (8)
TA 7-2517
210. Rogers Co., H. A.
817 Marquette Ave. (2)
FE 8-7655
211. Rogness, Inc., H. U.
1419 11th Ave., South (4)
FE 3-5595
212. Ruehl, Harold
213. Ryerson & Son, Inc., Joseph T.
Upper Midwest Bldg., Room 1136 (1)
FE 3-2563
214. S & S Jobbing Co.
905 N. Fifth St.
FE 5-3228
215. Sandberg Co., George E.
6111 Excelsior Blvd. (16)
216. Satterlee Co., The
2200 E. Franklin Ave. (4)
FE 3-5264
217. Schroeder Co., John
6520 James Ave., South (23)
UN 9-4520
218. Service Tool & Engineering
529 S. Seventh St.
FE 9-8613
219. Shell Oil Co.
100 N. Seventh St. (3)
FE 5-6711
220. Shotwell, J. D.
1313 Chestnut Ave. (3)
221. Sinclair Refining Co.
P. O. Box 450
222. Skil Corp.
4023 E. Lake St. (6)
PA 9-7328
223. Smith-Sharpe Co.
117 27th Ave., Southeast
224. Snap-on Tools Corp.
6418 W. Lake St. (26)
WE 9-7841
225. Socony Mobil Oil Co., Inc.
84 S. Sixth St. (2)
226. Standard Oil Co. (Indiana)
2800 Wayzata Blvd. (5)
FR 4-4312
227. Steel Sales Corp.
401 Harding St., Northeast (13)
ST 1-4893
228. Sterling Electric Motors, Inc.
215 Sixth St., Southeast (14)
FE 6-2828
229. Stone Co., Charles W.
1914 LaSalle Ave. (3)
FE 9-0611
230. Stroh, Harvey
2800 Foshay Tower (2)
FE 5-0449
231. Sun Oil Co.
1126 Plymouth Bldg. (3)
FE 6-9897
232. Superior Electronic Service Co.
1732 Nicollet Ave. (3)
FE 5-5694
233. Superior Plating, Inc.
315 First Ave., Northeast (13)
234. Supreme Products Corp.
4921 Sunnyslope Rd.
WA 2-9777
235. Swanson Co., L. E.
312 Erie St., Southeast (13)
FE 5-7186
236. Syntrol Minneapolis Sales Co.
2514 University Ave., Southeast (14)
FR 1-2269
237. Teorey, Donald
4622 Casco Ave.
238. Texas Co., The
1730 Clifton Pl.
FE 2-8486
239. Thesenga, L. A.
3729 44th Ave., South (6)
240. Thompson-Hayward Chemical Co.
909 Second St., South (15)
FE 2-5394
241. Thompson, L. F.
5917 Halifax Ave., South (24)

SALES OFFICES

MINNESOTA

MINNEAPOLIS (cont.)

- 242. Tool Crib, Inc., The
2631 Wooddale Ave. (16)
WE 6-6787
- 243. Tool Supply Co.
2516 University Ave., Southeast (14)
FR 1-1321
- 244. Torrington Co., The
1750 Hennepin Ave. (3)
FE 9-8869
- 245. Udyllite Corp., The
1834 Lincoln St., Northeast
ST 9-1185
- 246. Van Bergen & Markson
2840 Fourth Ave., South (8)
TA 3-3183
- 247. Varoski, Don
5201 Gorgas Ave. (24)
- 248. Velle Sales, Inc.
1645 Hennepin Ave. (3)
FE 2-7018
- 249. Vincenh Screw & Bolt Div.
124 12th Ave., South
- 250. Volco Co.
831 Sixth St. (4)
FE 6-3373
- 251. Wales Stripit, Inc.
210 S. Fifth St.
FE 6-7464
- 252. Walke Co., Henry
1423 Hennepin Ave.
- 253. Walker & Co., Inc., George T.
2218 University Ave., Southeast (14)
- 254. Wallinder, Roy
5825 Columbia Ave., South (17)
TA 3-2483
- 255. Walah, F. E.
3632 James Ave., South
TA 2-8758
- 256. Warner Co., A. J.
5022 29th Ave., South (17)
PA 9-7371
- 257. Warner Hardware Co.
1423 Hennepin Ave. (3)
FE 3-4111
- 258. Warner & Swasey Co., The
400 W. 66th St. (23)
UN 6-6414
- 259. Whiting Corp.
5009A Excelsior Blvd. (16)
WA 7-7800
- 260. Williams Hardware Co.
100 Second Ave., North
FE 3-6267
- 261. Worthington Corp.
807 13th Ave., South (14)
- 262. Zeco Co., The
2929 University Ave., Southeast
FR 1-7971

NORTHFIELD

- 263. Northfield Foundry & Machinery Co.
Phone: 1000

OWATONNA

- 264. Owatonna Tool Co.

RICHFIELD

- 265. Hildebrandt, H. P.
7239 16th Ave., South (23)
UN 6-7935

ROCHESTER

- 266. S M Supply Co.
902 Seventh St., Northwest
P. O. Box 29
AT 2-7433
- 267. Tool Supply Co.
3516 Sixth Pl., Northwest
AT 2-8819

ST. CLOUD

- 268. Granite City Tool Co.

ST. JAMES

- 269. Tubular Micrometer Co.
Phone: 5

ST. LOUIS PARK

- 270. Aeroquip Corp.
6529 Cambridge St.
- 271. Colson Corp., The
4956 Excelsior Blvd.
WA 2-0792
- 272. O'Brien, Gene
3029 Georgia

ST. PAUL

- 273. Air Power Equipment Co.
2631 University Ave. (W4)
NE 6548
- 274. American Steel & Wire Div.
First National Bank Bldg. (1)
CA 2-5865
- 275. Anderson Machine Tool Co.
2631 University Ave. (14)
MI 5-5831
- 276. Bathke Co., F. H.
529 N. Cleveland Ave. (14)
- 277. Bensen Co., C. L.
1961 St. Anthony Ave. (4)
MI 6-1701
- 278. Brandt, Inc., George C.
739 Pillsbury Ave. (14)
MI 6-1339
- 279. Bridgeport Brass Co.
2200 University Ave. (14)
- 280. Burton, I.
2230 Highland Pkwy. (16)
- 281. Continental Safety Equipment
1551 Selby Ave. (4)
MI 6-0663
- 282. Duncan Co.
127 E. Ninth St. (1)
CA 4-7970
- 283. Empire Tool Sales
1961 Hazelwood Ave. (9)
SP 7-5369
- 284. Erskine Co., Walter H.
2371 Chilcome Ave. (8)
P. O. Box 3164
MI 4-7992
- 285. Fairbanks, Morse & Co.
220 E. Fifth St. (1)
CA 4-7663
- 286. Farwell, Ozmun, Kirk & Co.
160 E. Kellogg Blvd. (1)
CA 2-5072
- 287. Flahaven, Leo F.
416 N. Fairview
MI 4-4700
- 288. Forcey Machine Tool Sales
445 Endicott Bldg.
Fourth St. (1)
CA 2-1600
- 289. Gardner-Denver Co.
1567 1/2 Selby (4)
RA 7-7453
- 290. General Trading Co.
475 N. Prior Ave. (4W)
- 291. Girard Steel Supply Co.
704 Vandalla St. (14)
FR 7749
- 292. Gobell Co., Inc., C. E.
2635 University Ave. (14)
- 293. Green, W. L.
487 Rice St. (3)
CA 2-4696
- 294. Gustafson Co., A. A.
161 Grigg-Midway Bldg. (4)
MI 4-7630
- 295. Haldeman-Homme, Inc.
2580 University Ave. (14)
MI 5-6465
- 296. Hartman Co., W. G.
E-723 First National Bank Bldg. (1)
CA 2-1422
- 297. Inland Steel Co.
332 Minnesota St. (1)
CA 7-6641-2-3
- 298. Kellerher Co., Thomas
P. O. Box 4005 (16)
MI 6-6321

- 299. Kemp-Manning Sales Co.
2295 University Ave. (1)
MI 5-4637
- 300. Lundbeck Co., R. A.
1900 University Ave.
MI 6-4523
- 301. Maynard & Son, Phil A.
131 W. Kellogg Blvd. (2)
CA 4-3879
- 302. Minnesota Bearing Co.
467 E. Sixth St. (1)
- 303. Minnesota Cem-Steel Co.
540 Prior Ave., North (4)
MI 5-2209
- 304. Minnesota Mining & Manufacturing
Co.
367 Grove St. (1)
FR 6-8511
- 305. Nelson Stud Welding
635 Prior Ave., North (4)
MI 4-5551
- 306. Northwestern Power & Equipment Co.
2295 University Ave.
MI 6-9675
- 307. Olson, A. E.
1264 Jessie St.
FR 1-2736
- 308. Peterson Co., H. R.
412 N. Prior Ave. (4)
- 309. Potter, Weston M.
1959 Sargent Ave. (5)
- 310. Production Materials Co.
635 N. Prior Ave. (4)
- 311. St. Paul Stamp Works
65 E. Fifth St. (1)
- 312. Sales Service Machine Tool Co.
2363 University Ave. (4)
MI 6-8663
- 313. Saunders, John R.
2166 Grand Ave. (5)
MI 9-3396
- 314. Schmidt Co., John L.
1879 University Ave.
MI 6-6383
- 315. Schneider, H. A.
1032 Goodrich Ave.
CA 5-6204
- 316. Schulz Co., Inc., The W. H.
2438 Franklin at University (14)
MI 4-2791
- 317. Service Sales Co.
1310 Grand Ave. (5)
MI 6-7107
- 318. United States Electrical Motors, Inc.
2395 University Ave. (4)
MI 5-1078
- 319. VanderVoort, C. F.
1279 Osage St. (13)
HU 9-5222
- 320. Warren Co., Lyman D.
1821 University Ave.
MI 6-2705
- 321. Welding Supply & Specialty Co.
557 Stinson St.
- 322. Whitacre & Co., Inc., R. B.
205 S. Roberts St. (1)
- 323. Wylie Co., Robert J.
612 Pioneer Bldg. (1)
CA 4-2309

SAVAGE

- 324. Continental Machines, Inc.
TU 1-5831

SOUTH MINNEAPOLIS

- 325. Halco Tool & Engineering
5018 Xerxes Ave.
WA 7-9111

WAYZATA

- 326. Eklof, L. E.
Route #1
GR 1-9332
- 327. Hydra-Powr, Inc.
17525 LaSalle St.
GR 3-9584
- 328. Miller Electric Manufacturing Co.,
Inc.
16801 The Strand
GR 3-5929

WHITE BEAR LAKE
329. Kravik Co., O. A.
124 Cedar St.
MI 5-5821

MISSISSIPPI**BILOXI**

1. Kennedy Marine Engine Co.
P. O. Box 915

CORINTH

2. Corinth Machinery Co.
Phone: 3321-2

GREENVILLE

3. Marine Welding & Repair Works, Inc.
P. O. Box 272

GULFPORT

4. General Electric Co.
207 Jo-Fran Bldg.
UN 3-6211
5. Gulf Welding Equipment Co.

HATTIESBURG

6. Failing Co., George E.
510 Bouie
7. Gulf Welding Equipment Co.
112 Broadway Dr.
8. Interstate Electric Co.
1314 W. Pine St.
9. Komp Equipment Co., Inc.
319 Pine St.
JU 4-6264

JACKSON

10. Air Filter Sales & Service
449 Dory St.
P. O. Box 2445
Phone: 2-7289
11. Andries, Inc.
317 W. Rankin St.
P. O. Box 2594
12. Building Specialties Co.
P. O. Box 2162
FL 3-4743
13. Clark Controller Co., The
429 S. West St.
FL 5-8305
14. Dilworth of Mississippi, Inc.
1019 Wholesale Row
JA 2-7672
15. General Electric Co.
604 Millsaps Bldg.
Phone: 4-2318
16. Gregory-Salisbury & Co.
429 S. West St.
FL 5-8305
17. Harper Foundry and Machine Co.
105 E. Rankin St.
P. O. Box 992
FL 3-8391
18. Lovelace, Arthur
3830 Meadowland Rd.
19. Mississippi Bearings, Inc.
843 S. State St., Northwest
P. O. Box 506
Phone: 2-8811
20. Mississippi Foundry & Machine Co., Inc.
200 W. South St.
21. Noland Co., Inc.
22. Payne Machinery & Supply Co.
Federal Savings & Loan Bldg., Rm 601
23. Production Equipment & Supply Co.
244 Meadowbrook Rd. (6)
Phone: 4-2737
24. Safety Engineering Service
P. O. Box 76
25. Sinclair Refining Co.
P. O. Box 2090
26. Southern Sales Co.
514 Court St. (5)
FL 3-3665
27. Stewart-Ramey Co.
330 E. Rankin St. (4)
FL 5-3441
28. Vandemark Co., Fred J.
1111 Florence St.

29. Van Horn Co., Inc., Oliver H.
451 N. Gallatin St. (3)
Phone: 4-4321

MERIDIAN

30. Soule's Steam Feed Works

NATCHEZ

31. Peerless Supply Co., Inc.
200 State St.
Phone: 1158-9
32. Weeks Supply Co.
Box 126
Phone: 5675

OCEAN SPRINGS

33. Bridgeport Brass Co.
P. O. Box 145

PASCAGOULA

34. Industrial Air Products Co.
35. Liquid Carbonic Div.
SO 2-5511
36. Magnolia Welding Supply Co.
P. O. Box 57

ST LOUIS

37. American Tool Sales, Inc.
6771 Olive St. Rd. (5)
VO 3-6700
38. Fisler Co., The Royal E.
1315 Cheshire La. (19)
Webster Groves
WO 2-1721
39. Hoppe & Co., Louis A.
8114 Rosalie (17)
MI 7-3420

TUPELO

40. Tool House, The
307-315 S. Broadway
VI 2-7016

VICKSBURG

41. O'Neill-McNamara Hardware Co.
709 Clay St.

MISSOURI**BONNE TERRE**

1. Bonne Terre Farming & Cattle Co.
Lock Box #352
Phone: 600

CARTHAGE

2. Carthage Industrial Supply
431 Oak St.
P. O. Box 606
FL 6-5022

CLAYTON

3. Broadwell, James
7810 Forsyth (5)
PA 5-8706
4. Custom Industrials Co.
128 N. Gay Ave. (24)
PA 6-2110
5. Ferrin Tool Co.
110 S. Central (5)
VO 3-2800
6. Harnischfeger Corp.
101 S. Meramec Ave. (5)
VO 3-3610
7. Linde Co.
111 S. Meramec Ave. (5)
PA 1-7300
8. Sinclair Refining Co.
111 S. Meramec Ave. (5)
9. Taft, Richard
P. O. Box 201 (5)
WY 3-5877
10. Wachter, Inc., D. A.
8860 Ladue Rd. (24)
PA 6-5121
11. Wales Stripplitt, Inc.
34 N. Brentwood Blvd. (5)
PA 5-2505

MISSOURI**DITTMER**

12. Migeot, R. G.
Ridge Rd., R. R. #1
Cedar Hill
BU 5-2567

FERGUSON

13. Carpenter, Ed
6 Manor La. (21)
14. Harriman, J. O.
337 Wiegler Dr. (21)
15. McGrath, Andrew G.
40 S. Schlueter (21)
16. Nieberding, R. A.
2 Manor La. (21)
JA 1-9557
17. Ren Plastics, Inc.
1232 Old Florissant Rd. (21)
JA 1-9618
18. Westerson, C. G.
944 Buckeye Dr. (21)

FLORISSANT

19. Marten, Frederick
1110 Berchman La.

HANNIBAL

20. Mark Twain Supply Co.
Ninth and Lyon St.

HAZELWOOD

21. Gardner-Denver Co.
6011 Lindberg Blvd.
PE 1-2220

HICKMAN MILLS

22. Shamow, Sidney J.
7602 E. 108th Ter. (34)
SO 1-8355

HOUSE SPRINGS

23. Michigan Abrasive Co.
P. O. Box 286, Route #2
ES 5-3259

INDEPENDENCE

24. Aro Equipment Corp.
2815 Collin St.
HA 1-5485
25. Mundy, Warren
3008 Northern Blvd.

JEFFERSON CITY

26. Bogg Machine & Tool Co., A. E.
811 Jefferson St.
Phone: 6-9051

JENNINGS

27. Carbide Engineering Service
40 LaMar Dr. (21)
UN 7-8076

JOPLIN

28. Diesel Supply Co.
320 Joplin St.
29. General Electric Co.
220½ W. Fourth St.
MA 3-3881
30. Haman Machinery & Supply, Inc.
220½ W. Fourth St.
MA 3-1635
31. Industrial Equipment Co.
Fourth and Porter Sts.
MA 4-1406
32. Scott Supply Co., Inc.
Fifth Ave. at Wall
33. Sebastian Diesel Equipment Co.
1801-1805 Joplin St.
P. O. Box 258
MA 3-3300
34. Walker & Son, Inc., P. G.
702 Pennsylvania
MA 3-5277

SALES OFFICES

MISSOURI

KANSAS CITY

35. Acme Welding Supply Co.
2807 Main St. (8)
36. Airborne Instruments Laboratory
4550 Main St. (11)
37. Air-Draulic Engineering Co.
P. O. Box 985 (41)
RA 2-0976
38. Air Reduction Sales Co.
2701 Warwaick Trafficway (8)
VI 2-9350
39. Akin Engineering Co., Ellis
2934 Cherry (8)
WE 1-9189
40. Alemite Co.
2920 Grand Ave. (8)
41. Allegheny Ludlum Steel Corp.
P. O. Box 7133 (13)
CO 2-5679
42. Allen Marking Products, Inc.
804-806 Delaware St. (6)
43. Allied Transmission Equipment Co.
2057 Holmes (8)
GR 1-5505
44. Allis Co., The Louis
803 McGee St., Room 501
VI 2-7189
45. Allis-Chalmers Manufacturing Co.
1734 Main St. (8)
VI 2-0132
46. All-State Welding Alloys Co., Inc.
4002 Hardy St. (33)
FL 6-2800
47. Aluminum Co. of America
2300 Power & Light Bldg. (5)
VI 2-2822
48. American Brass Co., The
106 W. 14th St. (5)
49. American Engineering & Supply Co.
406 W. 34th St.
JE 1-5236
50. American Monorail KC Co.
1921 W. 48th Ter. (12)
KE 3-1110
51. American Tool Sales, Inc.
3810 W. 66th St.
- 51A. Armco Steel Corp.
7100 Roberts St. (25)
52. Armstead, William
P. O. Box 8834
NI 2-3307
53. Associated Bearings Co.
2918 McGee Trafficway (8)
VA 1-5393
54. Aviation Service Supply Co.
1305 Union Ave. (1)
55. B-C Control Co., The
2009 Baltimore Ave. (8)
GR 1-6557
56. Baker, Boyd M.
5337 Wayne St. (10)
HI 4-2976
57. Baker Fluid Power, Inc.
3323 Summit St. (11)
LO 1-2874
58. Barada & Page, Inc.
Guinotte & Michigan Ave.
VI 2-6240
59. Barger Equipment Co., Inc.
332 E. 31st St.
WE 1-7110
60. Barr-Thorp Electric Co.
2017 W. Pennway
GR 1-0565
61. Bellows Co., The
2112 Grand Ave. (8)
HA 1-4592
62. Bel-Tran Equipment Co.
P O Box 7322 (16)
63. Black & Decker Manufacturing Co.,
The
2705 McGee Trafficway (8)
HA 1-1493
64. Blackman & Nuetzel Machinery Co.
1103 E. Armour Blvd. (9)
JE 1-2250
65. Boatright Co., David M.
P. O. Box 9237 (15)
DE 3-5251
66. Bossert Co.
17th and Main Sts. (8)
BA 1-9033
67. Bowser, Inc.
1320 W. 39th St.
LO 1-4919
68. Bridgeport Brass Co.
4638 J. C. Nichols Pkwy. (12)
69. Bublitz Machinery Co.
701 E. 14th St.
GR 1-3916
70. Bunting Brass & Bronze, The
407 E. 18th St. (8)
VI 3-9219
71. Bunting Hardware Co.
810 Walnut
72. Carolan, Inc., W. C.
612 W. 47th St. (13)
JE 1-5505
73. Carrier Corp.
1732 Main St. (5)
VI 4622
74. Chain Belt Co.
406 W. 34th St. (11)
JE 1-1505
75. Chase Brass & Copper Co.
1710 Washington St. (8)
VI 2-1710
76. Chicago Apparatus Co.
1827 McGee St. (8)
77. Chicago Rawhide Manufacturing Co.
300 W. 43rd Ter. North
GL 3-2123
78. Clancey Co., R. J.
3527 Broadway (11)
WE 1-3990
79. Clark Controller Co., The
3021 Main St. (8)
PL 3-0111
80. Cleco Div.
7103 Truman Rd. (26)
HU 3-3760
81. Clem Co., Edward E.
4921 Bell St. (12)
LO 1-7747
82. Cook Co., George T.
Midland Bldg. (5)
VI 3-9678
83. Crago Gear & Machine Works
1416-18 Walnut St.
84. Crucible Steel Co.
2 W. 40th St. (11)
VA 1-6716-7
85. Culver & Co., J. C.
4638 Nichols Pkwy.
WE 3323
86. Curfman Co., H. M.
20 W. Ninth St. Bldg. (5)
HA 1-2768
87. Davies Supply & Manufacturing Co.
814 W. 17th St.
HA 1-2128
88. Davis, Homer
4110 N. Holmes (16)
89. De Laval Separator Co., The
9804 Holly St. (14)
WI 2-1115
90. Dennis Co., The
7945A State Line (8)
EM 1-1192
91. Detrex Chemical Industries, Inc.
1015 Walnut St.
VI 2-6740
92. DeVilbiss Co., The
1016 Baltimore St. (5)
HA 1-2525
93. Devoe of Kansas City, Inc.
200 Southwest Blvd.
94. Die Makers Supply Co.
7101 Truman Rd. (26)
HU 3-5300
95. Dietzgen Co., Eugene
1105 E. 81st St. (10)
EM 3-1350
96. Dishman, Charles H.
4922 Wornall Rd. (12)
JE 1-4667
97. DoAll Mountain States Co.
2029 Holmes St. (8)
HA 1-5857
98. Donahower & Associates, J. W.
620 W. 26th St. (8)
BA 1-3864
99. Douglas, Robert H.
8162 Bellevue St. (14)
DE 3-4291
100. Ebert Co., The E. H.
3016 McGee Trafficway
JE 1-3651
101. Elgin National Watch Co.
P. O. Box 7998 (29)
FL 3-2588
102. Ellfeldt Co., Fred A.
1737 Main St. (8)
GR 1-0041
103. Ellfeldt Machinery & Supply Co.
1801 McGee St. (8)
VI 2-5494
104. Engineered Equipment Co.
2201 Grand Ave. (8)
BA 5669
105. Engineering Services Co.
4550 Main St. (11)
106. English Brothers Machinery Co.
410-418 W. Fifth St. (5)
VI 2-5575
107. Enso
4450 Main St.
JE 1-7765
108. Ernst-Kichman Machinery Corp.
1701 Locust St. (8)
VI 2-1336
109. Ernst Machinery Co.
1606 Oak St. (8)
110. Esna
121 W. 63rd St. (13)
EM 3-1515
111. Faeth Co., The
1606-14 McGee St.
112. Fafnir Bearing Co., The
2910 Oak St. (8)
WE 1-5154
113. Fairbanks, Morse & Co.
1300 Liberty St. (2)
VI 2-6474
114. Fithian Co., W. R.
3016 McGee Trafficway
WE 1-2128
115. Fording Co., E. H.
6434 Baltimore Ave. (13)
DE 3-4515
116. Forristal-Young Sales Co.
4053 Broadway
VA 1-5330
117. Forslund Pump & Machinery Corp.
1717 Main (8)
118. Fruetel, Jr., Sheldon
1105 Union Ave. (7)
Crooks Terminal Warehouse
119. Fuchs Machinery & Supply Co.
1823 Walnut St.
120. Funkhouser Machinery Co.
2425 Jefferson St.
HA 1-4365
121. Gardner-Denver Co.
309 W. 79th Ter. (14)
DE 3-3233
122. Garrison & Associates, W.
2057 Holmes St. (8)
GR 1-5506
123. General Electric Co.
106 W. 14th St. (5)
VI 2-9743
124. Gibbens Co., H. H.
616 W. 26th St. (8)
VI 2-2888
125. Gilbert Co., Jack M.
131 E. 70th St. (13)
DE 3-8830
126. Grindinger, Robert
8111 Troost Ave.
127. Haman Machinery & Supply, Inc.
1823 Walnut St. (8)
VI 2-3558
128. Hanna Rubber Co.
1512-14 Main St.
BA 1-9600

MISSOURI

129. Harnischfeger Corp.
1012 Baltimore Bldg. (5)
VI 2-3608
130. Harris-Hanson Co.
7916 Paseo Ave.
HI 4-9494
131. Heubel Material Handling Equipment
4125 Pennsylvania Ave. (11)
LO 1-2550
132. Hobson & Co., W. P.
8715 Jarboe St.
EM 1-5029
133. Hoener, Fred H.
P. O. Box 8852
EN 2-2630
134. Hohenschild Welders Supply Co.
1331 Cherry St. (8)
135. Holdridge, Jimmie F.
410 W. 20th Ter.
WE 1-1623
136. Holtan, Arnold G.
6211 Oak St. (13)
JA 3-4888
137. Houghton & Co., E. F.
P. O. Box 7067 (2)
Country Club Sta.
EN 2-3266
138. Hubbell Metals, Inc.
801 Atlantic Ave. (16)
BA 1-7750
139. Hutcheson, L. O.
Centropolis Station Box 6222 (26)
140. IBM Corp.
1409 Baltimore Ave. (41)
BA 1-0622
141. I-T-E Circuit Breaker
Rm. 920, Dwight Bldg. (5)
VI 2-2101
142. Industrial Equipment Co.
2815 Main St. (8)
VI 2-3629
143. Ingersoll-Rand Co.
1012 Baltimore Ave. (5)
VI 2-9325-4
144. Inland Steel Co.
1004 Baltimore Ave. (5)
VI 5505-5507
145. Ives, Glade
1421 McGee St. (6)
GR 1-1748
146. Johnson Bronze Co.
304 E. 17th St. (8)
VI 2-5055
147. Johnson Equipment Co., Gordon
2519 Madison Ave. (8)
148. Johnson Tool & Supply Co.
708 E. 19th St. (8)
VI 3734
149. Kaiser Aluminum & Chemical Sales,
Inc.
3101 Broadway (11)
VA 1-3796
150. Kennametal, Inc.
P. O. Box 1081 (41)
VA 1-7134
151. Keystone Machinery Co.
1533 Locust St. (8)
VI 0505
152. Kirk-Wiklund & Co.
1700-06 Baltimore Ave. (8)
BA 1-1706
153. Koenig-Myers Associates
4538 Main St. (11)
JE 1-7221
154. Kornfeld Thorp Electric Co.
2700 McGee Trafficway (8)
155. Koslowaky Co., Charles H.
406 W. 34th St.
WE 8088
156. Kramer, John F.
950 Dierks Bldg. (6)
HA 1-2113
157. Langdon Supply Co.
1317 Union Ave. (7)
VI 2-6245
158. Leaver Co., C. O.
111 E. Gregory Blvd. (14)
JA 3-2908
159. Leeds & Northrup Co.
7935-A1 State Line Rd. (14)
JA 3-8199
160. Lee Mark Associates
P. O. Box 8467 (14)
NI 2-3313
161. Lift Truck Sales & Service
1941 Central St.
VI 2-6966
162. Lincoln Electric Co., The
3055 Southwest Blvd. (8)
JE 1-9584
163. Linde Co.
910 Baltimore Ave. (5)
BA 1-2400
164. Liquid Carbonic Corp.
1339 Liberty St. (2)
165. Lord Manufacturing Co.
406 W. 34th St. (11)
WE 1-0138
166. Luce Industrial Supply Co.
1818 Main St. (8)
HA 1-9906
- 166A. Lyon Metal Products, Inc.
3542 Main St., Rm. #217 (11)
167. MacDonald & Co., B. C.
2201-05 Grand Ave. (8)
BA 1-3434
168. Machinery & Supplies Co., Inc.
2000 Walnut St. (8)
VI 2-5457
169. Manning, Thos. J.
647 W. 39th St.
VA 1-2044
170. Marlin-Rockwell Corp.
3250 Roanoke Rd. (8)
WE 1-3244
171. Marathon Electric Manufacturing
Corp.
406 W. 34th St. (11)
VA 1-0100
172. Marshall Tool & Cutter Co.
522 S. Cedar (22)
CL 3846
173. Mathews Machinery & Rental, Lee
308-318 Broadway (5)
BA 1-0650
174. Matney & Hanna Co.
11 E. Gregory Blvd. (14)
EM 3-1771
175. Maurey Manufacturing Corp.
1728 Walnut (6)
BA 1-3330
176. McCreary & Son, B. L.
1819 Central St. (8)
HA 1-1608
177. McDonald Manufacturing Co., A. Y.
1331 Union Ave.
178. McDonald, Jr., Dick A.
Box 7068 (13)
HI 4-4619
179. Metcalf Co., W. O.
2205 Grand Ave. (8)
HA 1-6624
180. Midwestco
838-40 Law Bldg. (6)
HA 1-1119
181. Miller, H. Gene
11217 Norton Ave. (34)
SO 1-1237
182. Miasouri Solvents and Chemicals Co.
2522 Nicholson Ave. (20)
CH 3223
183. Mochlenpah Engineering, Inc.
4550 Main St. (11)
JE 1-5213
184. Monsees, L. H.
Box 7715 (22)
CL 8520
185. Moore & Son, Don
1835 E. 73rd St. (30)
186. Morris Sales, Add
P. O. Box 9085 (18)
SH 1-3090
187. Morse Chain Co.
213B W. 75th St. (14)
JA 3-2884
188. Mueller Brass Co.
4344 Clary Blvd. (30)
P. O. Box 6847, Pkwy. Station
WA 3-5785-86
189. Multiform Metals, Inc.
1421 McGee St. (6)
GR 1749
190. Nagelvoort, Ted
305 E. Winthrop (13)
EM 1-1125
191. Nichols, Carroll
P. O. Box 7322
192. Paddock Tool Co.
1418-22 Walnut St. (6)
HA 1-2819
193. Palmer, Jerry
1015 Walnut St. (8)
VI 2-0355
194. Pantex Manufacturing Corp.
2709 McGee Trafficway
BA 1-2343
195. Parker & Foster, Inc.
3519 Troost Ave. (9)
LO -9266
196. Pensinger's
1609 Oak St. (8)
HA 1-1737
197. Porter-Cable Machine Co.
1649 Jarboe St.
BA 1-2710
198. Price Engineering Co.
1009 Baltimore
199. Price Associates, W. D.
2612 McGee Trafficway (8)
GR 1-0020
200. Prince & Associates, W. O.
1728 Walnut St.
BA 1-3330
201. Reed-Prentice Div.
406 W. 34th St. (11)
WE 1-3640
202. Reeves-Wiedeman Co.
2711 Warwick Trafficway (8)
203. Reich & Sons, Inc., A.
1414 Wyoming St. (7)
204. Reliance Electric and Engineering Co.
291 Union Station Bldg. (8)
VI 2-7624
205. Resistoflex Corp.
9729 Manor Rd. (15)
NI 2-6843
206. Revere Copper and Brass, Inc.
34th and Broadway (11)
207. Reynolds Metals Co.
4645 Bellevue Ave. (2)
JE 1-3536
208. Richards & Conover Hardware Co.
Box 889 (10)
209. Riekes & Sons, S.
1721 Holmes St. (8)
HA 1-0456
210. Robbins & Myers, Inc.
Rm. 361, Union Sta. (8)
HA 2577
211. Rush & Sons, Harvey D.
4638 Nichols Pkwy. (12)
WE 1-2121
212. Ryan, James M.
214 E. 72nd Ter.
HI 4-4651
213. Ryerson & Son, Inc., Joseph T.
Room 314, VFW Bldg. (11)
VA 1-1661
214. Scallill Co., E. T.
1817 Grand Ave. (8)
VI 2-0037
- 214A. Sciaky Brothers, Inc.
701 E. 63rd St. (13)
215. Schmelzinger, Dan.
7634 Charlotte St. (10)
216. Schwerin, E. B.
4210 Main St. (11)
WE 1-7564
217. Sinclair Refining Co.
906 Grand Ave.
218. Singleton Welding Supply Co.
512 E. 18th St.
BA 1-8115
219. Skil Corp.
2007 Broadway (8)
BA 1-1766
220. Snap-on Tools Corp.
3635 Main St. (11)
WE 1-0364

SALES OFFICES

MISSOURI

KANSAS CITY (cont.)

- 221. Socony Mobil Oil Co., Inc.
925 Grand Ave. (42)
- 222. Stadler, Larry A.
4110 E. 107th St. (34)
SO 1-7211
- 223. Standard Oil Co. (Indiana)
114 E. Armour Blvd. (41)
LO 1-4140
- 224. Steel Sales Corp.
2201 Grand Ave. (8)
VI 2-7366-7
- 225. Steel Sales & Equipment Co.
1013 Truman Rd. (6)
VI 2-3457
- 226. Stephens Machinery Co., Robert R.
3619 Broadway Ave. (11)
LO 1-2123
- 227. Stowe Hardware & Supply Co.
1312 W. 13th St.
- 228. Sullivan-Mears Co., The
4010 Washington
WE 1-3021
- 229. Supreme Products Corp.
1515 McGee St. (8)
VI 6-680
- 230. Swihart, J. R.
9221 Cherokee La. (15)
MI 9-8989
- 231. Syntrol Kansas City Sales Co.
2550 Warwick Trafficway (8)
VI 2-8880
- 232. Tapp Co., J. F.
1518 Grand Ave. (8)
VI 2-6683
- 233. Theurer, John
P. O. Box 7906 (29)
FL 3-2588
- 234. Thor Power Tool Co.
606 W. 17th St. (8)
VI 2-5122
- 235. Tompkins Co.
1809 Oak St. (6)
VI 2-9063-2-9064
- 236. Thompson-Hayward Chemical Co.
2915 Southwest Blvd. (8)
TA 2-2473
- 237. Townley Metal & Hardware Co.
200 Walnut St.
VI 2-0200
- 238. Union Carbide Plastics Co.
910 Baltimore Ave. (41)
BA 1-2400
- 239. Van Keppel Co., The G. W.
2461 Pennway (8)
- 240. Weatherhead Co., The
410 W. 40th Ter. (11)
VA 1-1772
- 241. Webb Belting Co.
1507 W. 12th St. (1)
BA 1-3030
- 242. Welding Equipment Supply Co.
520 Truman Rd. (8)
- 243. Western Machinery & Supply Co.
4102 Truman Rd. (27)
HE 1-6440
- 244. White, Thomas R.
1919 Baltimore Ave. (8)
BA 9696
- 245. Wilcox Co., Paul K.
30 W. 69th Ter. (13)
- 246. Wixson, Earl
700 E. 73rd St.
JA 3-8439
- 247. Worthington Corp.
1608 Baltimore Ave. (8)
- 248. Yoder, James T.
3410 W. 74th Ter. (15)
DK 3-2100
- 249. Zopf Engineering Co.
3261 Gillham Rd. (11)
WE 1-7772

KIRKWOOD

- 250. Decker Co., Robert F.
909 N. Kirkwood Rd. (23)
YO 5-7248

- 251. Haney Associates, L. J.
456 Goethe Ave. (22)
YO 5-5878
- 252. Lorenz Co., Rudie
413 E. Madison St. (22)
TA 1-4119
- 253. Martin Co., The Ray
210 Kirkwood Bank Bldg. (22)
YO 6-4090
- 254. Pangborn Corp.
10406 Manchester Rd. (23)
TA 2-0212
- 255. Welton, R. M.
923 Poinsettia (22)
TA 1-6740
- 256. Zeppenfeld and Co.
14 Westwood Forest (22)
TA 2-2333

LEMAY

- 257. Pratt & Whitney Co., Inc.
69 Buckley Meadows Dr. (25)
TW 2-6954

MONETT

- 258. Roderick Arms Co.
110 Second St.

NORMANDY

- 259. Huck Manufacturing Co.
P. O. Box 17 (21)
PA 7-8008 (St. Louis)

NORTH KANSAS CITY

- 260. Delco Products Div.
1534 Burlington Ave. (16)
BA 1-1384
- 261. Marah Steel Corp.
101 E. Ninth St. (16)
GR 1-3505
- 262. Metal Goods Corp.
1300 Burlington (16)
GR 1-3516
- 263. Moorlane Co.
120 E. 15th St. (16)
P. O. Box 7346
GR 1-3993
- 264. SESCO Engineering & Supply Co.
15th Ave. & Clay St. (16)
GR 1-3925
- 265. Shour, H. H.
110 W. 12th St. (16)
GR 1-4234

ROCHESTER

- 266. Palmer Supply Co.
276 Lafayette Rd. (9)

ST. ANN

- 267. Jost Co., Oscar E.
3913 St. Timothy St.
P. O. Box 6
HA 8-4488

ST. CHARLES

- 268. Cherry, Jack
5 Clearview Dr., R. R. #4

ST. JOSEPH

- 269. Burke, A. L.
3201 Lafayette St.
- 270. Independent Distributing Co.
923 S. Eighth St.
- 271. Jamieson Machine Co.
215 N. Second St.
AD 4-0497
- 272. Ross-Frazier Supply Co.
Eighth and Monterey Sts.
Phone: 4-2731
- 273. Vascoloy-Ramet Corp.
3406 Lafayette St.
Phone: 2-7019
- 274. Wyeth Co.

ST. LOUIS

- 275. AAA Equipment Service Co.
3338 S. Jefferson Ave.

- 276. Acheson Colloids Co.
6323 Nottingham Ave. (9)
FL 3-4866
- 277. Acme Steel Co.
111 S. Bemiston Ave. (5)
PA 6-6230
- 278. Airborne Instruments Laboratory
1914 Washington Ave. (3)
CE 1-9974
- 279. Air-Hydraulics Co.
2060 Happy La. (10)
TW 2-1135
- 280. Air Reduction Sales Co.
630 S. Second St. (2)
CH 1-8323
- 281. Alemite Co.
4603 McRee Ave. (10)
- 282. Allegheny Ludlum Steel Corp.
3615 Olive Ave. (8)
JE 3-6700
- 283. Allen-Bradley Co.
904 N. Grand Blvd. (8)
JE 5-1901
- 284. Allis Co., The Louis
4903 Delmar Blvd., Rm. 330 (8)
FO 1-5980
- 285. Allis-Chalmers Manufacturing Co.
1205 Olive St. (3)
CE 1-4313
- 286. All-State Welding Alloys Co., Inc.
1515 N. Broadway (6)
- 287. Aloe Co., A. S.
1831 Olive St.
CH 1-5700
- 288. Aloe Scientific
5655 Kingsbury (12)
VO 3-6380
- 289. Altrup Co., M. A.
2319 Hampton Ave. (10)
MI 7-0113
- 290. Aluminum Co. of America
Tenth Floor, Continental Bldg. (8)
FR 1-6700
- 291. American Brass Co., The
916 Shell Bldg. (3)
- 292. American Iron & Steel Co.
5579 Manchester
MI 5-5819
- 293. American Optical Co.
1709 Washington Blvd. (3)
CE 1-1803
- 294. American Steel & Wire Div.
1221 Locust St. (3)
CE 1-1277
- 295. American Tool Sales, Inc.
6771 Olive St. Rd. (5)
VO 3-6700
- 296. Apex Machinery & Tool Co.
7827 Olive Blvd. (24)
PA 7-2009
- 296A. Armco Steel Corp.
10 S. Brentwood Blvd.
- 297. Armstrong Cork Co.
1919 Hampton Ave. (10)
- 298. Aro Equipment Corp.
3443 Juniata St. (18)
PO 1-5250
- 299. Avery Co., O. B.
1325 Macklind Ave. (10)
MI 5-1810
- 300. Baldwin Lima Hamilton Corp.
1221 Locust St. (3)
CH 1-6315
- 301. Banner Tool & Supply
4194 Jennings Rd. (20)
- 302. Barger Equipment Co., Inc.
4030 Chouteau Ave. (10)
JE 3-0123
- 303. Barnard, John L.
5525 Bartmer Ave. (12)
FO 7-7987
- 304. Bates Sales Co.
1025 N. Sixth St. (1)
CE 1-7530
- 305. Baumann Co., O. A.
8208 N. Broadway (15)
EV 5-1512
- 306. Baumstark & Co., Harry A.
6801 Hoffman Ave. (9)
MI 7-1234

MISSOURI

307. Bausch & Lomb Optical Co.
2931 Olive St., Box 178
308. Baxter, A. R.
3736 Grandel Sq. (8)
JE 5-8980
309. R-J Bearings Co.
2145 Hampton Ave.
MI 7-3605
310. Beatty, Vernon R.
2336 Buller Dr. (14)
HA 8-4921
311. Behr-Manning Co.
4085 Bingham Ave. (16)
FL 1-5800
312. Bell Co., M. A.
217 Lombard St.
313. Bellows Co., The
4233 Sulphur Ave. (9)
VE 2-6868
314. Bergmann, Emmett
3954 Lindell Blvd. (8)
JE 3-1919
315. Berkeley, M. D.
6217 Rhodes Ave.
VE 2-6384
316. Bethlehem Steel Co.
212 S. Central Ave. (5)
317. Blachoff Chemical Corp.
2901 Solway Ave. (21)
318. Black & Decker Manufacturing Co.
615 S. Vandeventer Ave. (10)
JE 3-2210
319. Blackman & Nuetzel Machinery Co.
3713 Washington Blvd. (8)
JE 1-0765
320. Blaherty, James B.
PA 6-3400
321. Blakeslee & Co., G. S.
2700 N. Broadway
CH 1-5344
322. Boehm, Inc., F. J.
6807 Arsenal St. (9)
MI 7-2727
323. Boettler & Co., Dolph
6625 Delmar Blvd. (5)
PA 1-4607
324. Brandwine Equipment Co.
2683 Big Bend Blvd. (17)
ST 1-6432
325. Brauer Supply Co., A. G.
2100 Washington Ave.
CH 1-0445
326. Bridgeport Brass Co.
2135 Delmar Blvd. (3)
327. Bristol Co., The
434 Cotton Belt Bldg. (2)
CH 1-7892
328. Brite Deburring Co.
2612 S. 13th St.
PO 1-3788
329. Broadwell, James P.
7810 Forsyth (5)
PA 5-8700
330. Brown Machinery Co.
1519 N. Broadway (6)
331. Bruce & Co., Warren
4903 Delmar Blvd. (8)
PO 7-7093
332. Brush Beryllium Co., The
1221 Laredo St. (15)
333. Bunting Brass & Bronze
2320 Locust St. (3)
GA 1-2612
334. Burton, Wayne
418 Olive St.
335. Bushnell Packing Supply Co., J. P.
3436 Lindell Blvd. (3)
JE 1-5831
336. Carborundum Co., The
4429 Ridgewood Ave. (16)
PL 2-8690
337. Carolan, Inc., W. C.
4636 Choteau Ave.
JE 5-5325
338. Carpenter Steel Co., The
3942 Laclede Ave. (8)
OL 2-6700
339. Carr Lane Manufacturing Co.
4290 Krause Ct. (19)
MI 7-6290
340. Carrier Corp.
3807 Washington Ave. (8)
JE 1-3567
341. Carriers Supply Co.
818 Olive St.
CH 1-7918
342. Century Electric Co.
1806 Pine St. (3)
CE 1-4920
343. Cesco Equipment Co.
44 S. Central St. (5)
PA 7-0959
344. Chain Belt Co.
8090 Bonhomme (5)
PA 7-6917
345. Chapman Knives & Saws Co.
4040 Clayton Ave. (10)
Phone: 3-2533
346. Chase Brass & Copper Co.
4641 McRee Ave. (10)
PR 6-3111
347. Chicago Pneumatic Tool Co.
8029 Litzinger Rd. (17)
MI 5-7511
348. Chicago Rawhide Manufacturing Co.
5625 Delmar
VO 3-6626
349. Childress & Co.
1021-23 S. Big Bend (17)
ST 1-3211
350. Clark Controller Co., The
7 N. Brentwood Blvd. (5)
PA 7-7278
351. Clearview Equipment Co.
2121 Gravois Ave.
PR 6-7844
352. Cleco Div.
2322 Locust St. (3)
GA 1-4288
353. Clements Welding & Machinery Co., Inc.
700 St. Bernard's La. (10)
JE 5-8500
354. Cleveland Tramrail St. Louis Co.
2683 Big Bend Blvd. (17)
ST 1-7000
355. Colcord-Wright Machinery & Supply Co.
6115 Eveline Ave. (10)
MI 7-4400
356. Colson Corp., The
3545 Lindell Blvd. (3)
JE 1-3800
357. Columbia Tool Steel Co.
5118 Easton Ave. (13)
FO 1-0641
358. Consolidated Electrodynamics Corp.
1401 Brentwood Blvd.
359. Corby Supply Co.
3942 W. Pine Blvd.
PR 1-4777
360. Correll Engineering Co.
4378 Lindell Blvd. (8)
OL 2-0667
361. Crandall-Ricker Sales Corp.
1169 Paul Brown Bldg. (1)
CE 1-0778
362. Crane Packing Co.
4165 Flora Blvd. (10)
PR 1-5662
363. Crucible Steel Co.
8610 Page Blvd. (14)
HA 9-4400
364. Cutting Tools, Inc.
624-626 N. Skinker Blvd. (5)
PA 5-4528-29
365. Danly Machine Specialties
6115 Eveline Ave. (10)
MI 7-4400
366. Davies Supply & Manufacturing Co.
4160 Meramec St. (16)
MO 4-9332
367. Delco Products Div.
111 S. Banniston Ave. (5)
PA 1-7338
368. Des Parois, Louis J.
404 Park Rd. (19)
WO 2-7622
369. Detrex Chemical Industries, Inc.
3937 Park Ave.
PR 6-3387
370. DeVilbiss Co., The
6265 Clayton Ave. (10)
MI 7-0306
371. DoAll Southern Co.
1945 N. Broadway (6)
CE 1-3620
372. Dodson Brothers Sales Co.
5435 Hampton Ave. (9)
VE 2-0114
373. Donahower, R. F.
3820 Washington Blvd. (8)
FR 1-0663
374. Dow Chemical Co., The
10 S. Brentwood Blvd. (5)
PA 6-1000
375. Duke, George
34 N. Brentwood Blvd. (5)
PA 1-3838
376. Dunstan & Co.
418 Florence Ave. (19)
WO 1-7816
377. Dute Steel Supply Co.
3730 Holt Ave.
PR 2-1222
378. Edwards Sales Agency
2319 Hampton Ave. (10)
MI 7-5631
379. Enterprise Equipment Co.
101 S. Meramec Ave. (5)
380. Esamueller Co.
1220 S. Eighth St. (4)
CH 1-3223
381. Eutectic Welding Alloys St. Louis, Inc.
3719 Vest Ave. (7)
GE 6-4644
382. Exact Weight Scale Co., The
6375 Clayton
PA 5-9912
383. Factory Trucking Equipment Co.
2224 Olive St.
CE 1-2469
384. Fairbanks, Morse & Co.
217 S. Eighth St. (2)
MA 1-3130
385. Fehlenberg Co., The
4030 Chouteau Ave. (10)
OL 2-2978
386. Felters Co., The
1602 Locust St. (3)
CE 1-0070
387. Fisher Scientific Co.
2109-13 Locust St. (3)
388. Flaherty Co., J. B.
7530 Forsyth Blvd. (5)
PA 6-3400
389. Fleming, James
3010 S. Grand St.
PR 1-9259
390. Forristal-Young Sales Co.
8147 Delmar Blvd. (24)
PA 5-7701
391. Foster Co., John Henry
2850 E. Gravois Ave.
PR 3-6408
392. Fox Co., John J.
4800 Delmar Blvd. (8)
FO 1-4981
393. Garlock Packing Co., The
3635 Forest Park Blvd. (8)
OL 2-3157
394. Gast Co., Carl F.
6110 Garesche Ave. (20)
EV 3-0750
395. General Electric Co.
4790 St. Andrew St., Bridgeton
TH 5-7242
396. General Electric Co.
818 Olive St. (1)
GE 6-4343
397. General Equipment Co.
3952 Clayton Ave. (10)
JE 5-9107
398. Gerker, Ben J.
6625 Delmar Blvd. (5)
PA 7-7550
399. Gille, George M.
7116 Oakland Ave. (17)
MI 7-1960

SALES OFFICES

MISSOURI

ST. LOUIS (cont.)

400. Gilliland & Co., Perry
2135 Locust St. (3)
JA 1-8723
401. Giordano, Joseph
1307 Haley Ave. (21)
JA 1-8723
402. Gisholt Machine Co.
4030 Chouteau Ave. (10)
JE 5-4470
403. Gordon Co., Claud S.
4378 Lindell Blvd.
MI 7-1022-23-24
404. Grant & Co., J.
1246 Hampton Ave. (10)
MI 7-1022-23-24
405. Green Co., Richard E.
No. Seven Armat Ct.
YO 6-4973
406. Guvernator Co., The Karl
4324 W. Florissant Ave. (15)
Phone: 8-2150
407. Haenny, Joseph L.
2841 Locust Ave.
OL 2-7457
408. Hagedorn & Gannon
4030 Chouteau Ave. (10)
OL 2-7457
409. Handian, Inc.
615 S. First St., (2)
MA 1-0231
410. Haney Associates, L. J.
13608 Manchester Rd. (22)
MI 7-4350
411. Harris-Hanson Co.
2814 S. Brentwood Blvd.
MI 7-4350
412. Haupt Schulte Paint Co.
4758 Easton Ave.
CE 1-7120
413. Hayne-Surridge Co., Inc.
1901 Pine St. (3)
CE 1-7120
414. Heath Co., Inc., Geo. F.
4030 Chouteau Ave. (10)
JE 1-6167
415. Heeren, L. H.
4903 Delmar Blvd. (8)
FO 1-2734
416. Helco
3427 Missouri Ave. (18)
FR 6-1787
417. Hill Equipment Engineering Co.
1413 Pennsylvania Ave. (14)
CE 1-0683
418. Hoffman-Marquard Machinery Co.
1525 N. Broadway (6)
CE 1-0683
419. Hoppe Co., Louis A.
8114 Rosalie (17)
MI 7-3429
420. Horneyer Co., Lee
7 N. Grand Blvd. (3)
JE 5-1233
421. Houghton & Co., E. F.
6635 Delmar Ave. (5)
PA 5-1234
422. Hubbell Metals, Inc.
2817 Laclede Ave. (3)
FR 1-0212
423. Huck Manufacturing Co.
2046 Belle Ave. (21)
EV 8-2112
424. Huck Manufacturing Co.
2262 Crandall Dr. (21)
UN 7-6145
425. Hunicke, George
7046 Fernnd St. (9)
ST 1-6625
426. Hunter Sales & Manufacturing Co.
4378 Lindell Blvd. (8)
JE 1-0467
427. I-T-E Circuit Breaker Co.
7 N. Brentwood Blvd. (5)
PA 7-6202
428. Ingersoll-Rand Co.
2327 Locust Blvd. (3)
GA 1-0888
429. Inland Steel Co.
111 S. Bemiston Ave. (5)
PA 8-5656
430. J. & S. Sales Co.
2318 Big Bend Blvd. (17)
ST 1-3010
431. Jenkin-Guerin, Inc.
4480 Hunt Ave. (10)
OL 2-2905
432. Johnson Bronze Co.
2214 Pine St. (3)
CH 1-0554
433. Johnson & Sons Machinery Co.,
Wm. C.
1211 Hadley St. (6)
CE 1-1728
434. Jones & Laughlin Steel Corp.
Ambassador Bldg. (1)
GA 1-4075
435. Kaiser Aluminum & Chemical Sales,
Inc.
10 S. Brentwood Blvd. (5)
VO 3-1100
436. Kattelman, Ray
1914 Union Blvd. (13)
CH 1-6510
- 436A. Kennametal, Inc.
6976 Chippewa St. (9)
JE 1-9266
437. King, Inc., J. O.
3829 W. Pine Blvd. (8)
JE 1-9266
438. Kirkbride Saw & Knife Co., Inc.
1016 Chouteau Ave. (2)
GE 6-4360
439. Knight Machinery Co., W. B.
3920 W. Pine St. (8)
FR 1-5100
440. Korack Co., J. C.
4378 Lindell Blvd. (8)
JE 5-3408
441. Korsan Co.
3738 Washington Blvd. (8)
JE 5-3408
442. Lamb & Co., Norman C.
7603 Forsyth Blvd. (5)
PA 7-0333
443. Larrimore Co., The
P. O. Box 1234 (88)
PA 7-0333
444. LaSalle, Inc.
2818-2838 LaSalle St.
OL 2-6566
445. Leander & Boardman
4053 Lindell Blvd. (8)
OL 2-6566
446. Leaver Co., C. O.
4030 Chouteau Ave. (10)
JE 1-2040
447. Leeds & Northrup Co.
8000 Bonhomme Ave. (5)
PA 6-0853
448. LeeMark Associates
2001 Big Bend Blvd. (17)
MI 7-1470
449. LeVex Engineering Co.
5050 Lindenwood Ave. (9)
GA 1-5454
450. Limberg, Chas. F.
7628 Westmorland Ave.
PA 1-4746
451. Lincoln Electric Co., The
4427 Manchester Ave. (10)
JE 1-6516
452. Lulek, George
2258 Hudson Dr. (21)
UN 8-6210
453. Macco Products Co., The
9833 Dennis Dr. (21)
UN 7-8264
454. MacDonald & Co., B. C.
3829 W. Pine Blvd. (8)
JE 1-9266
455. Mahr Manufacturing Co.
3903 Olive St. (8)
JE 1-1533
456. Mallory & Co., Inc., P. R.
215 N. Meramec Ave. (5)
PA 7-8695
457. Manufacturers Supplies Co.
716-730 N. 18th St. (3)
CE 1-7886
458. Maris Engineering Service Co.
1110 Brentwood Blvd. (17)
PA 5-3846
459. Material Handling Equipment Corp.
5075 Manchester Ave. (10)
460. McDonald Machinery Co.
1531 N. Broadway (6)
CE 1-9360
461. McDonald & Wilson Sales Co.
2001 Union Blvd. (15)
EV 3-1941
462. McIntyre, A. M.
1110 S. Brentwood Blvd. (17)
PA 1-1139
463. McLeod Machinery Co.
1539 N. Broadway
CH 1-6100
464. Medor, Inc.
10408 Manchester Ave. (22)
YO 5-6270
465. Metal Goods Corp.
8800 Page Blvd. (14)
HA 7-1234
466. Mid-Land Supply Co.
1165 Hodiament Ave.
PA 5-4826
467. Midvale Material Handling Equipment
Co.
5011 Manchester Ave. (10)
OL 2-3516
468. Midvale Mining & Manufacturing Co.
5015 Manchester Ave. (10)
469. Midwest Tool & Supply Co.
1515 N. Broadway (6)
CE 1-1515
470. Mill Supply & Machinery Co.
4812 Washington Ave. (8)
FO 1-4717
471. Miller Co., E. B.
10117 Manchester Rd. (22)
YO 6-8250
472. Mineral Products Co.
1834 Gravois (4)
MO 4-9504
473. Minnesota Mining & Manufacturing
Co.
3700 Forest Park Blvd. (8)
JE 5-3267
474. Minnesota Mining & Manufacturing
Co.
10725 Baur Blvd. (41)
WY 1-1320
475. Missouri Solvents and Chemicals Co.
419 DeSoto Ave. (7)
GA 1-3495
476. Mochlenpah Engineering, Inc.
1315 S. Vandeventer (10)
JE 3-0325
477. Monahan Co., H. O.
1007 Yale Ave. (17)
ST 1-6574
478. Morris Equipment Co.
4217 Meramec (16)
TO 5-1566-7
479. Moyles, Thomas P.
10446 Ashbrook Dr. (15)
UN 8-4285
480. Munroe Co., W. W.
800 E. Big Ben Rd. (22)
YO 5-2500
481. Mueller Brass Co.
2341 La Salle St. (4)
FR 2-1796
482. Murphy Co., Edwynne P.
5707 Manchester (10)
MI 7-3210
483. Murphy & Co., L. C.
2020 Olive St. (3)
CH 1-8343
484. Myers & Son, R. E.
504 Louderman Bldg. (1)
MA 1-2743
485. Nagel & Nax, Inc.
11001 Manchester (22)
YO 6-2747
486. Nail Sales Co.
115 Bates St. (11)
VE 2-1337
487. National Refining Co.
Madison & Main
CE 1-6946
488. Nelson Stud Welding
2118 S. Hanley Rd. (17)
MI 7-5546
489. New Departure Div.
6611 Clayton Rd. (17)
PA 6-0108

MISSOURI

490. N. Y. & N. J. Lubricant Co.
41 Branch St.
MA 1-3500
491. Nieberding Co., R. A.
2 Manor La. (21)
JA 1-9557
492. Nelman Bearings Co.
2727 Washington Ave. (3)
JE 3-0637
493. Nixon, R. W.
51 Bellerive Acres (21)
494. Norton Co.
4065 Bingham Ave. (16)
FL 1-6233
495. Oakite Products, Inc.
111 S. Beniston Ave. (5)
PA 5-8200
496. O'Brien Co., Paul J.
4808 Fairview
FL 3-2557
497. Oliver Machinery Co.
2319 Hampton Ave., Room 206 (10)
MI 7-4979
498. Ozalid Branch Office
1421 Hampton Ave. (10)
MI 7-1900
499. Parco Supplies
7031 Manchester Ave. (17)
MI 5-2350
500. Parker Rust Proof Co.
10800 Baur Blvd. (14)
WY 3-2602
501. Patton Equipment Co., Inc.
2333 S. Hanley Rd. (17)
MI 7-0080
502. Peters Machinery Co., Wharton L.
3863 W. Pine Blvd. (8)
JE 5-3700
503. Pipe Fitters Tools, Inc.
3737 Chouteau
504. Pratt & Whitney Co., Inc.
710 N. 12th Blvd. (1)
CE 1-6770
505. Production Tool & Supply Co.
2830-32 Easton Ave. (6)
OL 2-5800
506. Quinn Saw Co., W. D.
2621 Olive St. (3)
OL 2-1045
507. Reed Rubber Co., Inc.
3115 Washington Ave. (3)
JE 1-3350
508. Reichhold Chemicals, Inc.
7730 Carondelet Ave. (5)
PA 6-2929
509. Reis Equipment Co.
1417 Tower Grove Ave. (10)
510. Reliance Div.
3903 Olive St. (8)
JE 5-0388
511. Reliance Electric and Engineering Co.
9929 Manchester Rd. (22)
WO 2-6962
512. Remington Arms Co., Inc.
1810 Arcade Bldg. (1)
513. Republic Steel Corp.
811 Shell Bldg. (3)
CH 1-8165
514. Revere Copper and Brass, Inc.
3615 Olive St. (8)
515. Reynolds Metals Co.
1134 Locust St.
GA 1-5258
516. Ring Co., F. H.
2030 Delmar Blvd. (3)
MA 1-8777
517. Robins & Co., G. S.
126 Chouteau Ave. (2)
MA 1-5155
518. Roehl, Inc., W. J.
4568 Manchester Ave. (6)
519. Ross Co., The
3408 Washington Blvd. (3)
OL 2-4905
520. Rumpf Machinery Co., Guy H.
1637 Railway Exchange Bldg. (1)
CH 1-2424
521. Rush Co., Joseph E.
3903 Olive St. (8)
JE 5-9195
522. Ryerson & Son, Inc., Joseph T.
Box 527 (66)
CE 1-1020
523. S & S Air Compressor & Machinery Co.
2203 Gravois Ave. (4)
PR 3-0822
524. St Louis Auto Parts Co.
3400 Gravois (16)
525. St. Louis Coke & Foundry Supply
1525 Sublette Ave. (10)
526. St. Louis Compressor Service
5823 Natural Bridge Blvd. (20)
CO 2050
527. Scheer Co., William
6376 Clayton Rd. (17)
MI 5-7950
528. Schlichter, Leroy P.
1112 Chemical Bldg. (1)
MA 1-0150
529. Schweizer Co., Charles K.
231 Russell Ave. (4)
530. Sclaky Bros., Inc.
3903 Olive St.
JE 5-5854
531. Scott Special Tools, Inc.
1252 N. Kings Hwy. (13)
FO 7-3454
532. Sealtite Corp.
1925 Washington Ave. (3)
533. Sell Co., H. T.
3305 Washington Blvd. (3)
JE 1-4255
534. Shapleigh Hardware Co.
900 Spruce St.
535. Sharp Co., H. C.
4060 W. Pine Blvd. (8)
PR 1-5355
536. Shea-Brownell Co., The
3903 Olive St. (8)
JE 1-1533
537. Shell Oil Co.
P. O. Box Drawer 522 (66)
VO 3-0800
538. Shoe Factory Supplies Co.
1200 S. Grand Blvd.
PR 2-4655
539. Skill Corp.
3501 Market St. (3)
540. Sligo, Inc.
1301 N. Sixth St.
CE 1-3050
541. Snap-on Tools Corp.
2165 Hampton (10)
MI 7-2338
542. Sommers Brothers Manufacturing Co.
3439 N. Broadway (7)
543. Stahlhut, Robert B.
320 Woodside Dr. (22)
PA 5-7793
544. Standard Oil Co.
8400 Maryland Blvd. (24)
VO 3-7820
545. Stanley Industrial Tool Co.
337 N. Vandeventer (8)
OL 2-3423
546. Steel Sales Corp.
4565 McRee Ave. (10)
PR 1-5255
547. Stempfle Sales Co.
4528 S. Broadway (15)
HU 1-8292
548. Stephens Machinery Co., Robert R.
8145 Olive Blvd. (24)
WY 1-0502
549. Sterling Electric Motors, Inc.
4378 Lindell Blvd. (8)
OL 2-0431
550. Still, Palmer
9415 Old Bonhomme (24)
551. Strother & Associates, Inc.
P. O. Box 3, Normandy Station (21)
PA 1-5997
552. Sturgis Equipment Co.
601 S. Taylor Ave. (10)
OL 2-5380
553. Sturm, Ernie
8768 Dell Vista Dr. (23)
VI 3-1277
554. Sueme Machinery Co., Charles
7040 Dale Ave. (17)
ST 1-0760
555. Sun Oil Co.
3419 Papin St. (3)
PR 1-9364
556. Syntron St. Louis Sales Co.
4431 Manchester Ave. (10)
OL 2-4366
557. Tanler & Co.
10633 Twillight Dr. (23)
VI 3-9080
558. Te-Co, Inc.
801 N. Second St. (2)
CE 1-2500
559. Thayer Co., W. W.
7347 Overbrook Dr. (21)
EV 5-7483
560. Thomas, Inc.
114 S. Beniston (5)
561. Thomas, Ray
4207 McPherson
JE 1-1876
562. Thompson Co., J. W.
1100 S. Grand Blvd. (4)
PR 6-0024
563. Thompson, Owen E.
4173 Botanical Ave. (10)
FR 6-4987
564. Thor Power Tool Co.
4044 Forrest Park Blvd. (8)
565. Tierney Supply Co., H. J.
1911 Railway Exchange Bldg. (1)
CH 1-5645
566. Timken Roller Bearing Co., The
2100 S. Vandeventer Ave. (10)
MO 4-4734
567. Tool Box Sales, Inc.
1356 Kingsland (14)
PA 1-6222
568. Tools and Supplies, Inc.
3131 Olive St. (3)
FR 1-3370
569. Tubular Rivet & Stud Co.
4378 Lindell Blvd. (8)
JE 5-3122
570. Ulmer Equipment Co.
219 Orrick La. (22)
YO 5-4653
571. Union Carbide Plastics Co.
122 N. Kirkwood Rd. (22)
YO 5-2440
572. Universal-Cyclops Steel Corp.
6632 Clayton Rd. (17)
MI 7-4733
573. Vanadium-Alloys Steel Co.
1032 Paul Brown Bldg. (1)
CE 1-9022
574. VanDevanter Engineering Co.
2207 Pine St.
CE 6-1800
575. Vard, Inc.
3647 Ridgedale (20)
576. Vascology-Ramet Corp.
2319 Hampton Blvd. (10)
MI 7-0113
577. Vickers, Inc.
1110 S. Brentwood Blvd. (17)
PA 1-4311
578. Vocker, Thomas G.
8336 Olive Blvd. (24)
WY 3-2216
579. Wade, Duane H.
936 Curran Ave. (22)
YO 5-3737
580. Warner & Swasey Co., The
9827 Clayton
WY 3-6258
581. Warren Nichols
8336 Olive Bldg. (24)
WY 3-2216
582. Weirton Steel Co.
818 Olive St. (1)
CH 1-6642
583. Weltronic Co.
8866 Watson Woods Ct.
VI 3-9364
584. Wesseling & Co., Inc. K. P.
310 Euclid Ave. (8)
FO 7-0610

SALES OFFICES

MISSOURI

ST. LOUIS (cont.)

- 585. Wheelabrator Corp.
201 S. Central Ave. (5)
PA 6-0508
- 586. Wiese Planning & Engineering, Inc.
5107 Columbia Ave. (9)
- 587. Wolf Machinery Co., Paul
2330 Lawton Blvd.
JE 3-5701
- 588. Worthington Corp.
3505 Lindell Blvd. (3)
- 589. Yerkes & Co., Joseph H.
3630 Enright Ave. (8)
JE 1-6605
- 590. Zeuschel Equipment Co.
7171 Delmar Blvd. (5)
PA 5-6967

SAPPINGTON

- 591. Hansen, Herbert A.
10808 Leebur Dr.
VI 3-3800

SPRINGFIELD

- 592. Baker Fluid Power
1314 Chestnut St.
UN 2-6756
- 593. Grace Fabri-Tool Co., The
1314 E. Chestnut
- 594. Industrial Equipment Co.
330 N. Kansas Ave.
Phone: 4-1575
- 595. Ozark Welding Supply
434-36 E. Commercial St.
- 596. Pioneer Tool Co.
748 Columbus Ave. (20)
- 597. Schweitzer Brothers
421 S. Cambell Ave.
- 598. Walker & Son, Inc., P. G.
P. O. Box 204
1435 College St.
Phone: 2-1745

UNIVERSITY CITY

- 599. Whiting Corp.
567 North and South Rds. (5)
VO 3-6600

WARSON WOODS

- 600. Clark, Dave E.
514 Monaco Dr. (22)
YO 6-8097 (Webster Groves)

WEBB CITY

- 601. Webb Corp., The
Phone: 29 and 30

WEBSTER GROVES

- 602. Apex Metal Finishing Co.
425 Marshall Ave. (19)
- 603. Benz Associates, Inc.
450 Somerset Ave. (19)
WO 2-6684
- 604. Brady Co., W. H.
519 Lee Ave.
WO 2-8918
- 605. Components & Equipment Co.
501 Clark Ave. (19)
WO 2-2799
- 606. Service Supply Co.
640 Atlanta Ave. (19)
WO 1-7688
- 607. Yochum, Robert J.
571 Locust Ct. (19)
WO 1-4845

MONTANA

BILLINGS

- 1. Alemite Co.
115 N. 13th St.
- 2. Bartells Co., E. J.
129 Grand Ave.
- 3. Bearings Supply Co.
Second Ave. and 12th St., North

- 4. Big Horn Supply Co., Inc.
2120 Third Ave., North
- 5. General Electric Co.
303 N. Broadway
Phone: 2-2051
- 6. Great Northern Tool & Supply Co.
2224 Minnesota Ave.
Phone: 2-2175
- 7. Holeman G. M. Diesel, Inc.
1001 Second Ave., North
- 8. Industrial Supply Co.
316 Hart St.
- 9. Selby Re-Print Co.
114 N. 27th St.
Phone: 2-0586
- 10. Westlund, M. R.
514 Yellowstone Ave.
- 11. Winter Hardware Co.
4102-4128 First Ave., South
P. O. Box 1155
Phone: 2-2181

BUTTE

- 12. Allis-Chalmers Mfg., Co.
51 Highbour Bldg.
Phone: 2-7341
- 13. Gardner-Denver Co.
215 E. Park St.
Phone: 2-2662
- 14. General Electric Co.
103 N. Wyoming St.
Phone: 4396
- 15. Hall Machinery Co., Ferry
- 16. Ingersoll-Rand Co.
845 S. Montana St.
Phone: 2-0451
- 17. McDonough Co., R. E.
829 Maryland Ave.
Phone: 2-5447
- 18. Montana Hardware Co.
P. O. Box 1944
823 S. Montana St.
Phone: 6591
- 19. Smith Sales Co., Ed.
P. O. Box 172
- 20. Snap-on Tools Corp.
115 E. Granite St.
Phone: 2-8762
- 21. Texas Co., The
220 N. Alaska St.
Phone: 2-1001

GREAT FALLS

- 22. General Distributing Co.
711 Tenth Ave., South
- 23. Riverside Machine Works
112-26 Sixth St., South
GL 3-3221
- 24. Weissman & Sons, Carl.
300 Third Ave., South

HAVRE

- 25. Car Parts Co.
108 First St.

HELENA

- 26. Brown Co., R. H.
812 N. Main St.
P. O. Box 1689
HI 2-2430
- 27. Helena Blueprint Co.
511 N. Rodney St.
HI 2-7020
- 28. Montana Power & Equipment Co.
12 E. Lawrence St.
HI 2-2990

MISSOULA

- 29. Miller Machinery Co.
Hwy 93 South
Phone: 9-2309
- 30. Missoula Mercantile Co.

NEBRASKA

GRAND ISLAND

- 1. Fairbanks, Morse & Co.
S. Locust and Wood River
DU 2-5124

- 2. Interstate Machinery & Supply
1221 W. Oklahoma Ave.
Box 804
- 3. Island Supply Co., The
1221 Oklahoma Ave.
DU 2-8567

HASTINGS

- 4. Allis Co., The Louis
1010 W. 11th
Phone: 2-6223
- 5. Dutton-Lainson Co.
Second St., and St. Joseph Ave.
- 6. United States Electrical Motors, Inc.
120 S. Hastings St.
P. O. Box 186
HA 2-5304

LINCOLN

- 7. Abbott, Elmore Y.
1455 Washington St. (2)
Phone: 3-2700
- 8. Henkle & Joyce Hardware Co.
800 "Q" St.
- 9. Industrial Tool & Supply Co.
314 S. 11th (8)
P. O. Box 2902
Phone: 2-1870
- 10. Lincoln Welding Supply Co.
216 S. Seventh St.
- 11. Midwest Machinery & Supply Co.
P. O. Box 1761
Phone: 2-8128

OMAHA

- 12. Alemite Co.
1112 Douglas St. (8)
- 13. Allis-Chalmers Manufacturing
14th and Farnam Sts. (2)
AT 1780
- 14. Allis Co., The Louis
4102 Farnam St., Room 201 (3)
CA 2151
- 15. Aluminum Co. of America
746 Omaha National Bank Bldg. (2)
AT 6951
- 16. Balbach Co., The
1201-07 California St. (2)
AT 5-500
- 17. Bangh, Conrad R.
524 W. O. W. Bldg. (2)
AT 4232-3
- 18. Baum Iron Co., The
13th and Harney Sts. (8)
HA 4122
- 19. Borgink, Frank
4423 Pine St.
- 20. Cardinal Supply & Manufacturing Co.
915 N. 19th St. (2)
AT 1153
- 21. Carrier Corp.
3420 Jones St. (5)
AT 7181
- 22. Central States Engineering & Sales Co.
5101 Blondo St.
GL 3803
- 23. Central Supply & Rubber Co.
1110 Howard St. (8)
- 24. Christy Equipment Co.
2066 Farnam St.
- 25. Clark Controller Co., The
14th and Farnam Sts. (2)
AT 4232
- 26. Clatterbaugh, F. C.
P. O. Box 152
PL 8270
- 27. Curtis, Howard E.
301 S. 68th Ave. (32)
GL 2546
- 28. Day Rubber & Supply Co., John
Tenth and Harney Sts. (8)
JA 2323
- 29. Dempsey Co., E. P.
2431 Camden Ave. (11)
PL 9-380
- 30. Dennis Supply Co.
2917 Douglas
- 31. Fairbanks, Morse & Co.
902 Harney St. (2)
AT 3122

NEW HAMPSHIRE

EXETER

8. Exeter Brass Co., The

HAMPTON

9. Hall, E. Leslie
267 High St.
WA 6-2556

HARRISVILLE

10. Mac-It Parts Co.
P. O. Box 111
VA 7-3337

HOLLIS

- 10A Duncan, Bertram A.

KEENE

11. Perkins Bassett & Wright, Inc.
12. Twin States Industrial Distributors
443 Winchester St.
EL 2-2557

MANCHESTER

13. Cohen Machinery Co., Inc.
1 Douglas St. (1)
NA 4-4324
14. General Electric Co.
1662 Elm St.
NA 2-2253
15. Houghton & Co., E. F.
346 Merrimack St.
NA 5-6333
16. New Hampshire Supply Co.
40-48 Commercial St.
NA 3-8084
17. Sun Oil Co.
Stark and Commercial Sts.
NA 5-9686
18. Tri-State Industrial Co.
4 Pinard St.
NA 3-5713

MILFORD

19. Svare, M. L.
9 Prospect St.
Phone: 1063W

NASHUA

20. Anderson, W.
1 Alan St.
TU 3-5237
21. Edgcomb Steel of New England, Inc.
Jackson Mill, Canal St.
22. Hammer Hardware Co.
Railroad Sq.

NORTHWOOD

23. Farrow, F. C.

NORTH SWANZEY

24. Stevens & Son Co.
800 Main St.
EL 2-4166

PORTSMOUTH

25. Hugo, Allan J.
R. F. D. #1

RYE

26. Bodge F. G.
R. F. D. #1
27. Van Wert Co., George E.
P. O. Box 153
WO 4-8480

WALPOLE

28. Macri, Gregory
Keene Rd.
SK 6-9850
29. Mitchell, E. L.
P. O. Box 652
SK 6-3222

32. Fuchs Machinery & Supply Co.
2401 N. 11th St. (2)
AT 7050

33. Garrison, F. E.
2016 N. 50th St.
WA 4618

34. General Electric Co.
409 S. 17th St. (2)
AT 4455

35. General Electric Co.
305 S. 16th St. (2)
AT 4455

36. Gurney & Associates, Bert
510 Standard Oil Bldg. (2)
JA 8445

37. Heald, John P.
1114 Jackson St. (8)
P. O. Box 216
JA 0122

38. Hendrickson Equipment Co.
1236 S. 13th St. (9)
AT 1385

39. Houghton & Co., E. F.
3727 Jackson St. (5)
WE 4342

40. Huck Manufacturing Co.
562 S. 26th St. (5)
HA 8699

41. I-T-E Circuit Breaker
5002 Dodge St., Room 205 (22)
CA 0255

42. Interstate Machinery & Supply Co.
1002 Douglas St. (8)
AT 0871

43. Klug Co., H. G.
2029 N. 67th Ave. (4)
P. O. Box 1752
GL 1377

44. Kraschel, Fred J.
801 S. 15th St. (2)
JA 2700

45. Machine Tools, Inc.
3902 Lake St.
PL 7385

46. McShane Co., Inc., T. S.
1113 Howard St. (8)
JA 1273

47. Midwest Equipment Co.
1614 Izard St. (2)
AT 7690

48. Mountain Region Supply Co.
517 Sunderland Bldg. (2)
JA 5957

49. Nicholson Supply Co.,
2026 St. Mary's Ave. (2)

50. Omaha Gear & Parts Co.
208 S. 24th St. (2)

51. Omaha Jobbing Co.
315 N. 15th St.

52. O'Neill Co., F. L.
5039 Woolworth Ave.
RE 2253

53. Paxton & Gallagher Co.
Ninth and Jones St. (8)

54. Peterson, Paul H.
5718 Fontenelle Blvd. (11)
PR 0344

55. Precision Bearing & Transmission
1040 S. 21st St. (2)
AT 4050

56. Reliance Electric and Engineering Co.
411 Keeline Bldg. (2)
AT 8096

57. Reynolds Metals Co.
102 S. 32nd Ave. (2)
JA 0614

58. Riekes & Sons, S.
1402 Webster St. (2)
AT 6800

59. Scoco, Inc.

60. Sinclair Refining Co.
P. O. Box 1304

61. Snap-On Tools Corp.
3601 N. 24th St. (10)
PL 3116

62. Tri-State Spray Equipment Co.
2061 Farnam St.
HA 5872

63. Wain Engineering Co.
523 Omaha Loan Bldg.
WE 1559

64. Welders Supply Co.
1112 N. 14th St. (2)
JA 4956

65. Western Paper Co.
621 S. 15th St.

66. Western Stamp & Stencil Co.
1120 Farnam St. (8)

67. Wilson-Wylie Distributing Co.
2320 Vinton St.

68. Wurgler Co., Inc., The
313 S. 14th St. (2)
AT 8946

VALLEY

69. Hitt, Kenneth C.
522 S. Pine
Phone: 4561

NEVADA

CLARK COUNTY

1. Harron, Rickard & McCone Co.

FALLON

2. Spencer's Industrial Sales & Service,
Bernie
50 W. Virginia St.
P. O. Box 445
HA 3-6882

HENDERSON

3. Basic Auto Parts
11 Water St.

LAS VEGAS

4. Inland Service & Supply Corp.
1600 Industrial Rd.
DU 2-6186
5. Las Vegas Blue Print & Photocopy
207 N. Third St.
Phone: 2160
6. McQuay Supply Co.
412 S. Main St.
P. O. Box 71
DU 2-2334
7. Vegas Materials Co.
1025 S. Main St.
DU 4-2025

RENO

8. Bradley Co., J. R.
P. O. Box 2190
9. Gardner Automotive Parts
490 N. Virginia St.
10. Sierra Industrial Co., Inc.
307 Morrill Ave.
P. O. Box 1330
11. Western Materials Supply Co.
N. Valley Rd.
P. O. Box 222

NEW HAMPSHIRE

ATKINSON

1. O'Connell, James M.
Maple Ave.
DA 9-6622

BROOKLINE

2. Comire, Donald E.
P. O. Box 26
3. New York & New Jersey Lubricant Co.
Springvale Ave.
R. F. D. #1
BR 161-M3
4. Riordan, C. F.
P. O. Box 27

CONCORD

5. Bellows Co., The
27 N. Main St.
CA 5-6972
6. Pitt & Sons Saw Co., Wm.
Airport Rd.
7. Sanel Industrial Equipment & Supply
Co., Inc.
159 S. Main St.
Phone: 2900-01

SALES OFFICES

NEW JERSEY

ABSECON

1. Elwood, Russell
129 Pitney Rd.

ALLENDALE

2. Langevoort, Garrett
143 Myrtle Ave.
AL 1-5190-J

AUDUBON

3. Martin, Charles V.
P. O. Box 96
LI 7-3337

BAYONNE

4. Bayonne Hardware Co.
249 Broadway
5. Parker-Lawrence Tool Co.
943 Broadway
HE 7-0250
6. Stuart Oil Co., Ltd., D. A.
P. O. Box 137
HE 7-0151
7. United States Hardware Co.
385 Broadway

BELLEVILLE

8. Kidde & Co., Inc., Walter
675 Main St. (9)
9. Rogers Mill Supply Co.
27 Washington Ave. (9)
HU 3-8690
10. Tri-County Industrial Supply Co.
121 Main St. (9)

BELMAR

11. Heyniger Brothers, Inc.
State Hwy. #35

BERGENFIELD

12. Barber-Colman Co.
112 S. Washington Ave.
DU 4-2173
13. Bergen County Saw Works
39 W. Englewood Ave.
14. Fuller, Robert W.
24 Stillman Ave.
DU 4-7069

BERKELEY HEIGHTS

15. Barberich, George
Five Glenside
CH 3522-3
16. Hausman, Sidney
674 Plainfield Ave.

BLOOMFIELD

17. Bergmann, Charles
160 Ampere Pkwy.
PI 3-3194
18. Burgess Thomas Co.
Box 287
19. Faber & Associates, Inc., R. L.
1246 Broad St.
ED 8-6900
20. Haberland, William E.
11 Oakridge Rd.
21. Michigan Clamp Agency
26 Benson St., Box 386
PI 8-7308
22. Pickut, Werner
62 Spring St.
PI 8-1179
23. Scientific Glass Apparatus Co.
100 Lakewood Ter.
24. Shaw, George P.
Box 4-B
ED 8-4230
25. West Essex Tool & Supply Co.
120 Liberty Ave.
26. Wheel Truening Tool Co.
33 West St.
PI 3-7430
27. Yecles, Herman W.
42 Dodd St.
BL 2-1800

BLOOMINGDALE

28. Staton Welding Supply Co., Lee L.
22 Hamburg Turnpike

BOGOTA

29. Speer Co., George A.
255 Queen Anne Rd.
HU 7-5425

BOUND BROOK

30. Schlegel, Robert W.
P. O. Box 385
EL 6-5463

BRIELLE

31. Ryan, E. G.
406 Kingston Rd.
CA 3-3580

BURLINGTON

32. Lippincott's Hardware
23 E. Broad St.
DU 6-3811

CALDWELL

33. Extrusions, Inc.
16 Ray Pl., West
CA 6-9040
34. Kennedy, H.
25 Linwood Ter.
Phone: 6-1442
35. Smith, Harold M.
P. O. Box 162
CA 6-2395
36. Stulen Engineering Co.
16 Ray Pl., West
CA 6-0812
37. Williamson & Co.

CAMDEN

38. Ace Industrial Hardware Co.
2302 Federal St.
39. Adley Corp.
210 N. Sixth St. (2)
WA 3-1085
40. Antrim Hardware Co.
1514 Federal St. (5)
41. Bailey, V. C.
1060 Liberty St. (4)
WO 4-8385
42. Bearings, Inc.
1035 Wright Ave., Box 188
WO 4-3903
43. Behr-Manning Co.
1601 Haddon Ave. (3)
WO 6-4057
44. Camden Tool & Supply Co.
129 York St.
P. O. Box 653 (2)
EM 5-9380
45. Dow Chemical Co., The
400 Market St. (2)
WO 6-4150
46. Farrel-Birmingham Co., Inc.
130 N. Broadway (2)
WA 2-3060 (Phila. Exchange)
47. Fidelity Machine Tool Co., Inc.
309 Vine St. (2)
WO 3-7765
48. Kerns Co., L. R.
130 N. Broadway (2)
WO 6-2888
49. Matlack & Son, John H.
Eighth and Vine Sts.
50. Potter & Brumfield, Inc.
814 Broadway Stevens Bldg. (3)
WO 6-1800
51. Reynolds Metals Co.
518 Market St.
Central Camden (1)
52. Shingle & Gibb Co.
11th and Newton Ave.
WA 2-5080 & WO 6-3657
53. Towmotor Corp.
6920 Crescent Blvd. (1)

CARLSTADT

54. Blum & Co., Inc., Julius
P. O. Box 92
55. Williams and Son, E. A.
325 Washington Ave.
GE 8-0800

CARTERET

56. Rabinowitz, Aaron
553-555 Roosevelt Ave.

CEDAR GROVE

57. Federal Tool Engineering Co.
1384 Pompton Ave.

CHATHAM

58. Rushforth, George
12 Vincent St.
ME 5-7727

CLARK

59. Bugle & Son, Chas. A.
P. O. Box 781
FU 8-6644
60. Circo Equipment Co.
50 Terminal Ave., Rahway
FU 8-8800
61. Denison Engineering Div.
315 Central Ave.
FU 1-2929

CLIFTON

62. Acme Steel Co.
454 Allwood Rd.
GR 1-4400
63. Bennett Machinery Co.
Allwood Route and Route 83
64. Blanchette Co., The F. W.
845 Bloomfield Ave.
GR 1-2100
65. Burwell, Inc., C. O.
654 Allwood Rd.
PR 7-8610
66. Carrier Corp.
1051 Bloomfield Ave.
GR 3-5850
67. Cinrock Machinery, Inc.
115 Industrial, East
P. O. Box 505, Allwood Station
PR 7-0717
68. Gisholt Machine Co.
P. O. Box 521
1051 Bloomfield Ave.
PR 3-0550 & 3-0551
69. Kennedy-Foster Co., Inc., The
851-7 Bloomfield Ave.
70. Koeller Air Products Co.
594 Lexington
71. Landis Tool Co.
1051 Bloomfield Ave.
PR 3-0365 & 3-0366
72. Matthews & Co., James H.
1151 Bloomfield Ave.
GR 3-7330
73. Metro-Clifton Electrical Supply Corp.
1454 Main Ave.
GR 2-5050
74. Pratt & Whitney Co., Inc.
3 Ivanhoe La.
75. Struble, Al
Richland Ct., Apt. 37C
P. O. Box 282
Phone: 7-2347
76. Torsion Balance Co., The
35 Monhegan St.
GR 3-6900
77. Union Carbide Plastics Co.
1051 Bloomfield Ave.
PR 8-2900

CLOSTER

78. Cusato, Anthony J.
22 Maplewood Rd.
CL 5-3639
79. Dickson, R. N.
19 Wainwright Ave.
CL 5-2760

COLLINGSWOOD

80. Adam, David
624 Diplomat
Park View Apts.
81. C. T. C. Co.
544 Haddon Ave. (7)
CO 5-3281
82. Dilmars, K. O.
P. O. Box 95
DA 9-4527
83. Myers, W. B.
P. O. Box 51
530 Highland Ave.
CO 5-2524

COYTESVILLE

84. Miller Electric Manufacturing Co.,
Inc.
132 Myrtle Ave., Apt. 7
W1 7-2986

CRANFORD

85. Abrams, H. B.
6 Rutgers Rd.
BR 6-8308
86. Coady & Meisler
P. O. Box 24
BR 6-1586
87. Hetzke, Robert J.
299 Manor Ave.
BR 6-6614
88. Knotts Co., K. E.
106 Miln St.
P. O. Box 281 (6)
BR 6-3887
89. Mulford, Howard R.
104 Hampton St.
90. Roden Co., The
15 Alden St.
P. O. Box 305
BR 6-7339

DEAL

91. Blass Co., Richard B.
108 Runyon Ave.
KE 1-1612

DEMAREST

92. Dunn Co., W. F.
35 Anderson Ave.
LO 8-7360

DOVER

93. Suburban Tool & Machine Supply
Corp.
7 Dickerson St.
FO 6-8990

DUMONT

94. Pelham Machinery Co.
134 Veterans Plaza
DU 5-6161

DUTCH NECK

95. Jackson Walter Co.
Village Rd., West
PL 3-2966-R

EAST ORANGE

96. Allen-Bradley Co.
350 Main St.
OR 2-9693
97. Allis Co., The Louis
314 Dodd St.
OR 4-8586
98. American Brass Co., The
75 Halsted St.
99. American PULLMAX Co., Inc.
159 N. Oraton Pkwy.
OR 7-0100
100. Chain Belt Co.
19 N. Harrison St.
OR 3-2120
101. Commercial Shearing & Stamping
Co.
120 Halsted St.
102. De Laval Separator Co., The
120 Halsted St.
OR 2-4113

103. Eagan, Thos. M.
392 Central Ave.

104. IBM Corp.
99 Washington St.
OR 2-8500

105. Kelley Co., R. J. R.
519 Main St.
OR 6-0714

106. Leeds & Northrup Co.
99 Washington St.
OR 2-3429

107. New Jersey Safety Equipment Co.
299 Park Ave.

108. Notte Safety Appliance Co., E. H.
308 Main St.
OR 3-4500

109. Warner & Swasey Co., The
120 Halsted St.
OR 3-3893

EAST PATERSON

110. Welding Supply Co.
65 Van Riper Ave.
111. Wesson Co.
238 Market St.
SW 6-3990

ELIZABETH

112. Ace Metal Treating Corp.
611 Grove St.
EL 4-6358
113. Aro Equipment Corp.
5 Newcomb Pl. and Rahway Ave.
EL 5-4000
114. Barnett Tool Supply
1127 E. Grand St.
115. Brown-Reynolds & Co.
171 First St.
FL 1-2424
116. Crose Manufacturing Co., M. J.
810 Julian St.
117. Dorman Tool Co.
18 W. Jersey St.
P. O. Box 196
EL 4-5758
118. Fielding, Robert L.
836 Jersey Ave., Apt. B-12
EL 4-2147
119. Flexonics Corp.
980 DeHart Pl.
EL 4-6500
120. Gardner Machine Co.
272 N. Broad St. (3)
EL 4-5432
121. Hand Hardware Co.
157-161 Jefferson Ave. (4)
EL 2-4296
122. Industrial Plastic & Equipment Co.
144 Elmora Ave.
FL 1-0350
123. Industrial Rubber Co.
940 S. Elmora Ave.
EL 2-3281
124. Interstate Welding Supply Corp.
1067 E. Grand St.
125. Jackson Hardware & Mill Supply
704 Jackson Ave. (4)
126. Madison Tool & Supply
914 Sheridan
EL 2-4218
127. Oilgear Co., The
570 N. Broad St.
EL 2-0313
128. Reeves Pulley Co.
800 Dowd Ave.
EL 4-8300
129. Reichhold Chemicals, Inc.
726 Rockefeller St. (2)
EL 3-6600
130. Reliance Electric and Engineering Co.
800 Dowd Ave.
EL 4-8300
131. Schnitzer Alloy Products Co.
320 Port Ave.
132. Turtle & Hughes
435 Rahway Ave.

133. Ampco Metal, Inc.
16-22 W. Palisade Ave.
LO 7-0832

134. Detrex Chemical Industries, Inc.
39 Park Pl.
LO 8-1245
135. Dice Co., J. W.
16 Highwood Ave.
LO 9-0471
136. Englewood Tool & Supply
136 S. Van Brunt St.
EN 4-0230
137. Hines, George
384 W. Hudson Ave.
EN 4-0990
138. Kearney & Trecker Corp.
409 Grand Ave.
LO 8-7882
139. Knoch, Donald M.
361 Lewellen Cir.
LO 9-1505
140. Meredith Machinery Co.
P. O. Box 749
LO 7-2737
141. Production Tool Sales Co.
2 N. Dean St.
EN 3-4580
142. Rei-Cut Tool & Supply Co., Inc.
124 S. Van Brunt St.
EN 4-0237
143. Sharp Saw Service Co.
38 Grand Ave.
144. Smith Co., Beverly D.
29 N. Dean St.
LO 8-3360

ENGLEWOOD

133. Ampco Metal, Inc.
16-22 W. Palisade Ave.
LO 7-0832

NEW JERSEY

134. Detrex Chemical Industries, Inc.
39 Park Pl.
LO 8-1245
135. Dice Co., J. W.
16 Highwood Ave.
LO 9-0471
136. Englewood Tool & Supply
136 S. Van Brunt St.
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EN 3-4580
142. Rei-Cut Tool & Supply Co., Inc.
124 S. Van Brunt St.
EN 4-0237
143. Sharp Saw Service Co.
38 Grand Ave.
144. Smith Co., Beverly D.
29 N. Dean St.
LO 8-3360

ERLTON

145. Automatic Switch Co.
904 Township La.
MA 7-0617

FAIR LAWN

146. Bergen Carbide Co.
P. O. Box 531
147. Fairbanks, Morse & Co.
19-01 Route 208
SW 6-5100
148. Lindberg Engineering Co.
12-96 Plaza Rd.
SW 7-6500
149. Optical Gaging Products, Inc.
12-96 Plaza Rd.
SW 6-1525

FAIRVIEW

150. Century Electric Co.
7 Commercial Ave.
WH 3-4900

FLANDERS

151. Rindt Co., J. C.
P. O. Box 129, Emmans Rd.

FLORHAM PARK

152. T & N Co.
35 Elmwood Rd.
FR 7-0375

FRANKLIN PARK

153. Wheatley, Frank
9 Delsey Rd.

GARFIELD

154. Grencl Machine & Electric Co.
5 Passaic St.
GR 3-4532

GLEN RIDGE

155. Ehlers, Jr., Edward
P. O. Box 214
MO 3-3311
156. Matchless Metal Polishing Co.
726 Bloomfield Ave.
157. Nash, Henry J.
60 Midland Ave.
PI 3-5552
158. Ridsdale, A. H.
65 Adams Pl.
PI 8-1038

SALES OFFICES

NEW JERSEY

GLEN RIDGE (cont.)

159. Tessin, Wendell E.
44 Glen Ridge Ave.
PI 3-6994

GLEN ROCK

160. Olsen, Richard M.
49 Belvidere Rd.
GI 4-6863

GLOUCESTER

161. Industrial Services
502 S. Broadway
GL 4-0336
162. Shipley Machinery Co., W. E.
821 Chambers Ave.

GUTTENBERG

163. Weigert, Richard E.
6715 Park Ave.
UN 7-2153

HACKENSACK

164. Air & Hydraulic Equipment Co.
86 Hudson St.
DI 3-4967
165. Crane Packing Co.
185 S. Newman St.
HU 7-3212
166. Eaton Co., The
65 Zabiskie St.
DI 2-3510
167. Easo Standard Oil Co.
River St.
168. Hannifin Co.
210 Main St.
DI 3-5758
169. High Vacuum Equipment Corp.
119 Atlantic St.
DI 3-9045
170. Hydra-Numatic Sales Co.
65 Hudson St.
HU 9-4191
171. Kraissel Co., Inc.
299 Williams Ave.
172. Ribble Co., C. H.
31 di Carolls Ct.
DI 2-2602
173. Sun Oil Co.
520 Hudson St.
HU 7-6789
174. Wolff, Bruno B.
143 Prospect Ave.
HU 9-4739

HACKETTSTOWN

175. American Woodworking Machinery
CO.
100 Liberty St.
GA 5-4737

HADDONFIELD

176. Armstrong, Inc., J. Neill
205 Sharrow Vale Rd.
HA 8-3590
177. Janette Electric Manufacturing Co.
5 Haddon Ave.
HA 9-4957
178. Kolasinski, J.
Kings Hwy. and Park Dr.
HA 8-2269
179. Leopold, Leonard E.
701 Kingston Rd.
Kingston Estates
NO 2-7931
180. Scudder, Jr., James
118 Haddon Ave.
HA 9-2103

HALEDON

181. Grundy, Herbert R.
25 Woodside Ave.
AR 4-5858

HAMILTON SQUARE

182. Wills, M. M.
4036 Nottingham Wy.
JU -5663

HANOVER

183. Burns Factory Supply Co.
Route #10

HARRISON

184. Crucible Steel Co.
1000 S. Fourth St.
P. O. Box 28
HU 4-5000
185. Springfield Facing, Inc.
401 S. Second St.
HU 3-0232
186. Whitehead Metals, Inc.
1000 S. Fourth St.
HU 5-5900
187. Worthington Corp.
401 Worthington Ave.

HASBROUCK HEIGHTS

188. Conover Co., C. E.
Route 17, R. E. Brooks Bldg.
AT 8-3860
189. Consolidated Electrodynamics Corp.
345 Boulevard
190. Pearce-Dengel Tool Co.
181 Boulevard, Box 185
AT 8-1212
191. Resistoflex Corp.
Route 17
AT 8-3800
192. Syntrol Newark Sales Co.
58 Route 17
AT 8-1845

HIGHLAND PARK

193. Karol-Warner Co.
432 Cedar Ave.
WA 4-3800
194. Teich, Milton
804 S. Second Ave.
CH 7-5038

HILLSDALE

195. Micromat
548 Piermont Ave.
WE 5-3335

HILLSIDE

196. Bridgeport Brass Co.
1240 Central Ave.
197. Detroit Mold Engineering Co.
1217 Central Ave.
EL 5-3500
198. Ferdon Equipment Co.
1465 Chestnut Ave. (5)
WA 6-2660
- 198A. Latrobe Steel Co.
741 Ramsey Ave.
199. Raysons Supply Co.
379 U. S. Hwy 22
200. Skill Corp.
611 U. S. Hwy. (5)
MU 6-4350
201. Tool Specialties Co., Inc.
390 Hillside Ave.
MU 6-8709
202. Wheelock, Lovejoy & Co., Inc.
265 Pennsylvania Ave.
EL 2-0064

HOBOKEN

203. Aaron Machinery Co., Inc.
Eighth and Clinton Sts.
OL 9-9098
204. Muzzi & Co., C.
205. Schelling Hardware Co.
734 Willow Ave.
206. Simberkoff, S. W.
58 Hudson St.
OL 2-5211
207. Washington Hardware Co.
485 Jefferson St.

HO-HO-KUS

208. All-State Welding Alloys Co., Inc.
241 Blauvelt Ave.
GI 5-3492

IRVINGTON

209. Bauer Factory Supply, Inc.
985 Clinton Ave. (11)
ES 3-5200
210. Hoffman Co., The John I.
16 Smith St.
P. O. Box 68 (11)
ES 2-1843
211. Jersey Industrial Truck, Inc.
153 Chestnut Ave. (11)
ES 4-4744
212. Wright, W. F.
26 Mt. Vernon Ave.
ES 3-6155

JERSEY CITY

213. Air Reduction Sales Co.
181 Pacific Ave. (4)
DE 3-7106
214. Bellis Equipment Co.
15 Exchange Pl. (2)
DE 3-1106
215. Bright Steel Corp.
238 Culver Ave. (5)
HE 5-4800
216. Carborundum Co., The
34 Exchange Pl. (2)
HE 4-2802
217. Hein Co., Louis H.
232 West Side Ave. (5)
218. Hevi-Duty Electric Co.
2900 Hudson Blvd. (6)
SW 5-5250
219. Industrial Products Corp.
134 Garfield Ave. (5)
220. Mileston Tool Co.
304 Arlington Ave.
HE 4-7016
221. Miller Hardware Co., Inc.
620 Newark Ave.
222. Ruskin Hardware Co., Edward
272 Newark Ave.
223. Ryerson & Son, Inc., Jos. T.
203 Westside Ave.
HE 4-1123
224. Service Specialties, Inc.
205 Fifteenth St. (2)
225. Van Tassel, Wesley
158 Cambridge Ave. (7)
OL 9-2287
226. York Corrugating Co.
66-72 Hudson St.

KEARNY

227. Gumm Chemical Co., Frederick
538 Forest St.
KE 2-4142
228. Nelson, Inc., A. N.
38 Johnston Ave.
WY 1-6700
229. Sloan & Chace Manufacturing Co.,
Inc.
344 Hickory St.
WY 1-2542
230. Wayne Tool & Supply Co.
615 Elm St.

KENILWORTH

231. Cleveland Tramrail Div.
Sidney Rd.
CO 7-3651
232. F & B. Industrial Supply Co.
742 Fairfield Ave.
CH 1-2744-5
233. Jalbert, Brownie
345 Market St.
CH 5-8208
234. Metallurgical Products Dept.
760 Colfax Ave.
CH 5-7250
235. Milne & Co., Inc., A.
636 N. Michigan Ave.
MU 8-1500

SALES OFFICES

LAURELTON

236. Fitzgerald, William
218 Sprucewood Dr.

LEONIA

237. Ember Products, Inc.
259 Fort Lee Rd.
WI 7-2500

LINDEN

238. Ace Scientific Supply Co., Inc.
1420 E. Linden Ave.
P. O. Box 127
239. Esso Standard Oil Co.
Route 25
240. Goodliffe & Son, J. W.
1900 E. Elizabeth Ave.
241. Industrial Oil & Chemical Co.
1717 W. Elizabeth Ave.
HU 6-8874
242. Koenig Hardware Co.
419 W. Elizabeth
HU 6-7600
243. United Laboratories Co.
801 E. Linden Ave.
HU 6-9200

LITTLE FALLS

244. Huck Manufacturing Co.
Old Rifle Camp Rd.
MU 4-7111

LITTLE FERRY

245. Equipment Distributors, Inc.
11 Main St.
246. Quad Machinery & Supply Co.
315 U. S. Hwy. Route 46
HU 7-2670

LIVINGSTON

247. Burns Factory Supply
123 McClellan Ave.
248. Hess, Adam
5 Cedar Pkwy., North
249. Maplewood Companies.
P. O. Box 113
24 Blackstone Dr.
WY 2-4150
250. Mid-Jersey Equipment Co.
603 S. Livingston Ave.
251. Pratt & Whitney Co., Inc.
466 W. Mount Pleasant Ave.
Route 410
WY 2-5353
252. Vonbee Co.
P. O. Box 538
WY 2-4266

LODI

253. Armour Coated Abrasives
Meta La.
GR 2-7900
254. TEK Bearing Co., Inc.
122 Essex St.
HU 8-8774

LYNDHURST

255. Benedict-Miller, Inc.
Marin Ave. and Orient Wy.
MA 3-6400
256. DeCarlo, Salvatore
P. O. Box 364,
228 Riverside Ave.
257. Purdy Co., Inc., A. R.
Page Ave. and Orient Wy.
WE 9-8100

MADISON

258. Postoria Pressed Steel Corp.
4 Green Village Rd.
FR 7-0914
259. Heller, Eugene
12 Woodland Rd.
FR 7-2878
260. Kelleher Co., A. A.
P. O. Box 241
FR 7-0407
261. See, John W.
10 Waverly Pl.
FR 7-2398

262. Warner Electric Brake & Clutch Co.
36 Main St.
FR 7-4800

MAPLEWOOD

263. Alloyal Co., The
1900 Springfield Ave.
Phone: South Orange 2-1701
264. Lincoln Lubricating Systems, Inc.
1603 Springfield Ave.
Phone: South Orange 2-9525
265. Mahr Manufacturing Co.
Box 69
Phone: South Orange 3-1540
266. Vail Co., M. J.
1916 Springfield Ave.
Phone: South Orange 3-3110

MATAWAN

267. Seifert, George
R. F. D. #1, Box 83-D
LO 6-6294

MAYWOOD

268. Cincinnati Milling and Grinding
Machines, Inc.
Essex St. at Route 17
HU 9-8840
269. Fellows Gear Shaper Co., The
150 W. Pleasant Ave.
HU 7-0346

MEDFORD

270. Della Valle, Nick
R. D. 1, Hoot Owl Estates
Georgia Trail

MERCHANTVILLE

271. Doerffel, George A.
6100 Rogers Ave. (S)
NO 2-8144
272. Dougherty, Paul D.
1661 Springfield Ave. (S)
NO 2-4220
273. Exact Weight Scale Co., The
214 St. James Pl. (S)
WA 5-2349
274. Flynn, Joseph
P. O. Box 25
275. Gehr, Inc., Lee H.
P. O. Box 84 (S)
NO 3-1180
276. Lilly, E. J.
4706 Springfield Ave. (S)
277. Quad Tool and Die Supply Co.
Norwood Ave. and Railroad (S)
NO 2-7878
278. Ryan Tool Supply
6 Glen La.
NO 3-1372

METUCHEN

279. Gulton Industries, Inc.
212 Durham Ave.
LI 8-2800
280. Metuchen Mill Supply Co.
411 Main St.

MIDLAND PARK

281. Industrial Sales Co.
26 E. Summit St.

MILLBURN

282. Waterbury Farrel Foundry &
Machine Co., The
321 Millburn Ave.
DR 6-2320

MILLVILLE

283. Air-Work Corp.
TA 5-6000
284. Macalaster-Bicknell Co.
North and Depot Sts.

MONTCLAIR

285. Ameresco, Inc.
33 Watchung Plaza
PI 6-5300

NEW JERSEY

286. Marquis, Ford C.
18 Trinity Pl.
PI 4-8565
287. Monarch Machine Tool Co., The
484 Bloomfield Ave.
PI 6-3700

MONTVALE

288. Crowther, Harry
27 Highland Rd.

MOORESTOWN

289. Foley & Associates
1500 S. Shirley Ave.
NO 3-4545
290. Linde Co.
Pleasant Valley Rd. and Route 38
BE 5-6200
291. Supreme Products Corp.
5 Haines Dr.
BE 5-1666
292. Union Carbide Plastics Co.
Pleasant Valley Rd. and Route 38
BE 5-6200

MORRISTOWN

293. Heald Machine Co.
17 Elm St.
JE 8-5611
294. Horrigan, Edward J.
55 Georgian Rd.
JE 8-6358
295. Morristown Electrical Supply Co.
23 Spring St.
JE 8-6100

MOUNTAINSIDE

296. Carpenter Steel Co., The
1110 Globe Ave.
AD 2-8600
297. Central Scientific Co.
237 Sheffield St.
298. Douglas, Walter H.
1063 Sunny Slope Dr.
AD 2-8232
299. Firth Sterling, Inc.
221 Sheffield St.
AD 2-7710
300. Globe Engineering Sales
U. S. Route 22
WE 2-7300
301. Palnut Co.
Glen Rd.

MOUNT TABOR

302. Helfenstein, V. W.
P. O. Box 201
OA 7-1213

MURRAY HILL

303. American Instrument Co., Inc.
P. O. Box 307
CR 7-3443
304. Smit & Sons, Inc., J. K.
SU 6-7210

NEWARK

305. A & F. Cutter Corp.
91 Edison Pl. (2)
MA 3-0566
306. Abrasive Machine & Supply Co., The
261 South St. (5)
MA 2-3213
307. Ace Drill Bushing Co.
611 McCarter Hwy. (5)
MI 2-3066
308. Airborne Instruments Lab.
315 Sherman Ave.
BI 8-3905
309. Allis-Chalmers Manufacturing Co.
1060 Broad St. (2)
MA 3-7170
310. Alloy Rods Co.
165 Oraton St.
HU 5-8600

SALES OFFICES

NEW JERSEY

NEWARK (cont.)

311. Alenco Eastern Branch
230 Verona Ave. (4)
HU 5-4390
312. Aluminum Co. of America
744 Broad St. (2)
MA 4-8800
313. American Tool & Specialty Co., Inc.
317 Halsey St. (2)
MI 2-7609
314. Atlantic Industrial Truck Corp.
337 Wilson Ave.
315. Bellows Co., The
1060 Broad St.
MI 3-8324
316. Benedict-Miller, Inc.
Marin and Orient Wy.
MA 3-6400
317. Bormann, William
17 Williams St.
MA 2-6868
318. Brady Co., W. H.
449 Broad St. (2)
HU 4-6330-1
319. Bristol Co., The
744 Broad St.
MI 2-6823
320. Chase Brass & Copper Co.
188 Badger Ave. (8)
BI 8-1700
321. Chicago Rawhide Manufacturing Co.
400 Delancy St.
MA 4-0870
322. Clarke's Saw & Machine Works
637-639 McCarter Hwy. (5)
323. Cleco Div.
75 Lock St. (3)
MA 3-0693
324. Cook, A. C.
1060 Broad St. (2)
325. Couse & Bolten Co.
42-46 Lafayette St.
MA 3-5383
326. Dale Tool Supply Co.
16 Gotthart St. (5)
MA 2-8224
327. Danahy, J. M.
806 DeGraw Ave. (4)
PI 4-0058
328. Daniels Plating Barrel & Supply Co.
129 Oliver St.
329. DeWitt Equipment Corp.
185-190 Elizabeth Ave. (8)
BI 3-6961
330. Diversey Corp., The
400 Frelinghuysen Ave. (12)
BI 8-5582
331. Dixon, Inc., William
32-42 E. Kinney St. (1)
MA 3-8426
332. Dodge-Newark Supply Co., Inc.
281 Market St. (5)
MA 2-1750
333. Dooner & Smith Chemical Co.
374 Mulberry St.
334. Eagles Tool Service, M.
73-75 Elizabeth Ave. (8)
335. Eastern Cutter Corp.
30-32 Littleton Ave. (7)
MA 2-2176
336. Eisler International Co.
748 S. 13th St. (3)
BI 3-3310
337. Eldon Hardware Co.
66½ Mott St. (2)
MA 3-4717
338. Essex Welding Equipment Co.
17-19 Tichenor La. (5)
BI 8-7800
339. Esso Standard Oil Co.
126 Passaic St.
340. Exact Weight Scale Co., The
400 Delancy St. (5)
MA 3-8550
341. Falcone Engineering, Inc.
487 Orange St. (7)
HU 5-6880
342. Federal Foundry Sales, Inc.
Wheeler Point Rd. and Backus St. (5)
MA 2-6330
343. Fiske Brothers Refining Co.
129 Lockwood St. (5)
MI 3-9150
344. Garden State Machinery Corp.
442 Frelinghuysen Ave. (12)
TA 4-1800
345. General Electric Co.
526 Broad St. (2)
MA 4-4144
346. Goodyear Rubber Products Co.
144 Mulberry St.
MA 2-7369
347. Hayes & Associates, Howland
972 Broad St. (2)
MA 2-5877
348. Healey Co., J. E.
21 Baldwin St.
349. Heller and Sons, J.
149 Ferry St. (5)
350. Hochman & Co., Ralph
52 Edison Pl. (2)
MI 3-8430
351. Hodgins, William J.
116 Market St. (2)
352. Howarth & Son, F.
517 Market St. (5)
MI 2-0880
353. Industrial Bolt & Nut Co.
171 Fabyan Pl. (12)
ES 4-4300
354. Ipsen Industries, Inc.
666 Clinton Ave.
ES 1-0420
355. Ironbound Saw Co.
20 Union St.
356. Jarett Compressor & Equipment, Inc.
275 Central Ave. (3)
HU 5-8500
357. Johnson Bronze Co.
227 High St. (2)
HU 2-2996
358. Jones and Auerbacher, Inc.
46-48 Edison Pl. (2)
359. Kellow Co.
1060 Broad St. (2)
MA 3-1503
360. Kerns Co., L. R.
1922 Raymond (2)
MI 2-6083
361. Kester Solder Co.
88 Ferguson St. (5)
362. Kienzie & Han
54 E. Kinney St.
MA 2-0860
363. Krieg Co., Charles W.
48-60 Dickerson St. (4)
HU 5-2000
364. L. P. Distributing Co.
101 Lincoln Park (2)
MI 2-8532
365. Lafayette Crane & Hoist Co.
800 Raymond Blvd.
366. Lafayette Factory & Mill Supply Co.
235 Lafayette St. (5)
367. LeBlond Machine Tool Co., The R. K.
1180 Raymond Blvd. (2)
MA 3-7325
368. Leiman Bros., Inc.
P. O. Box 1339
146-181 Christie St. (5)
369. Lindgren Co., Frank
21 Bloomfield Ave.
HU 2-5041
370. Marathon Electric Manufacturing
Corp.
1245 McCarter Hwy. (4)
HU 2-9233-4
371. McCarrick, Edward J.
79 Clinton Pl. (8)
ES 3-4531
372. McLaughlin, Patrick
17 Williams St. (2)
MA 2-6868
373. Metal Finish, Inc.
410 Frelinghuysen Ave. (12)
BI 2-6211-2-3
374. Montgomery Tool Co.
7 Tichenor La. (5)
375. Moore, Inc., A. A.
Terminal and Tyler Sts.
Port Newark
376. Morris Machinery Co.
93-115 Chestnut St. (5)
MI 2-1122
377. Morton, Harry E.
972 Broad St.
MA 2-8094
378. Mueller Brass Co.
364-372 Elizabeth Ave. (12)
BI 8-2255-6-7
379. Muenz Co., O. A.
99 Lincoln Park (5)
MI 2-8530
380. National Acme Co., The
1060 Broad St. (2)
MA 3-1612
381. Newark Specialty Co.
20 Prince St. (3)
382. New York Hardware
21-23 Springfield Ave.
383. Oldham Corp., The Gordon V.
744 Broad St. (2)
MA 2-7990
384. Pangborn Corp.
1025 Broad St. (2)
MI 2-2461
385. Pearce & Co., George M.
257 Wilson Ave. (5)
MI 2-0267
386. Plating Products Co., Inc.
352 Mulberry St. (2)
MA 3-3392
387. Porter-Cable Machine Co.
359 S. Orange Ave.
MI 2-5730
388. Radio Corp. of America
744 Broad St. (1)
HU 5-3900
389. Reiner & Campbell Co., Inc.
19 Euclid Ave. at Lockwood St.
P. O. Box 5035 (6)
MA 3-5307
390. Reynolds Metals Co.
744 Broad St.
MI 2-5461
391. Rosan, Inc.
Newark Airport
392. Rotor Tool Co., The
17 Williams St.
393. Ryno Co., H. Wilson
1060 Broad St. (2)
MI 2-0208
394. Safeguard Industrial Equipment Co.
271 Verona Ave. (4)
HU 2-9656-7
395. Schultz & Anderson Co.
109 Edison Pl. (2)
MA 2-4318
396. Selther & Ellis, Inc.
228-230 Ferry St. (5)
MA 4-4700
397. Selas Corp. of America
9 Clinton St. (2)
MA 3-5226
398. Shell Chemical Corp.
10 Commerce Ct. (2)
MI 3-1100
399. Sims & Associates, William K.
24 Commerce St. (2)
MI 2-1960
400. Snap-on Tools Corp.
823 Sandford Ave. (8)
ES 5-3197
401. Squier, Schilling & Skiff
415 Plane St. (2)
MA 4-1200
402. Sun Oil Co.
436 Doremus Ave. (5)
MI 3-8300
403. TEK Bearing Co., Inc.
100 Washington St.
MA 3-3322
404. Thor Power Tool Co.
1 Tichenor La. (5)
BI 8-1117
405. Tungsten Alloy Manufacturing Co.,
Inc.
65 Colden St. (1)

SALES OFFICES

NEW JERSEY

406. U. S. Electrical Motors, Inc.

54 Broadway (4)
HU 4-0100

407. U. S. Steel Supply Div.

P. O. Box 479 (1)
BI 2-8000

408. Wales Strippl, Inc.

1180 Raymond Blvd.
MA 4-4750

409. Wean Equipment Corp.

National Newark Bldg., Room 1716
MA 3-3532

410. Wehrheim Machinery Co.

443 Broad St. (2)
HU 2-2334

411. Weisinger & Co., D.

972 Broad St. (2)

412. Wilcox-Slidders, Inc.

344 Mulberry St. (2)
MA 2-7591

413. Yecies & Sons, Louis D.

110 Pacific St. (5)

NEW BRUNSWICK

414. Chainveyor Corp.

26 Gulf Rd.
CH 7-9214

415. Charter Welding Supply

222 Sanford St.

416. Lincoln Hardware & Supply

417. Metro Electrical Supply Corp.

78 Neilson St.
CA 9-4605

418. Morrison Steel Co.

475 Jersey Ave.
CH 7-8400

419. Richardson Co., The

Codwise and Rutgers Sta.
KI 5-4856

420. Seaboard Mill Supply Co.

294 Jersey Ave.
CA 7-0001

421. Seewald, Inc.

1952 Woodbridge Ave.
CH 7-0264

422. Slingman Industrial Supply

143 Neilson St.
CH 9-3506

423. TEK Bearing Co., Inc.

157 French St.
CH 9-3200

NEW FOUNDLAND

424. Kuthe, L. C.

Vreeland Rd., R. D. 1
OX 7-7161

NEW MILFORD

425. King, Richard G.

353 Luhmann
CO 1-7591

426. Leach, Stratton W.

277B Reichelt Rd.

NEW PLAINFIELD

427. Irvine, William J.

172 Dahlia Ter.
PL 4-9492

NIXON

428. Morgan, William B.

48 Gurley Rd.
CH 9-3550

429. Singer, Nat

3 Cornstock Rd.
BI 6-0150

NORTH ARLINGTON

430. Sudzinski, Tom

Unit 5, Apt. 26A, Fourth St.

NORTH BERGEN

431. Hammer, Charles

5301 Hudson Blvd.
UN 7-3439

NORTH PLAINFIELD

432. County Supply Co.

U. S. Hwy #22

433. Humble, Arthur R.

96 Fairview Ave.
Phone: 5-4450

434. Laurel Wholesale Hardware Co., Inc.

367-371 Somerset St.
PL 6-6706

NUTLEY

435. DoAll New Jersey Co., Inc.

88 Park Ave. (10)
NU 5-6767

436. Stoddard & Sons, H. W.

165 Franklin Ave. (10)
NU 2-1200

OAKLAND

437. Hoover, C. D.

53 Chuckanut Dr.

438. Von Arnaud Co., W.

95 Grove St.
FE 7-8310

OAKLYN

439. Stone Engineering, H. E.

2 E. Haddon Ave.

OAK VALLEY

440. Nelson, R. W.

336 Harvard Ave.

ORADELL

441. Getz Machinery Co.

ORANGE

442. Dodd, Val

P. O. Box 222
HU 3-2106

443. Du-Rite Die Casting Co.

433 Central Ave.

444. Egan, Thomas M.

392 Central Ave., East

445. Guardian Safety Equipment Co.

400 S. Jefferson St.
OR 2-7854-5

446. Kimmerle, W. P.

P. O. Box 66
OR 7-0175

447. Morse Chain Co.

301 Main St.
OR 2-6450

448. Sirmay, Frank J.

445 Central Ave.

PALISADES PARK

449. Benson & Church Co.

P. O. Box 94
23 Broad St.
Phone: Cliffside, WH 5-8650

450. Nelson Stud Welding

420 Bergen Blvd.
WI 7-2291

451. Secure Fastener & Tool Co., Inc.

131 Fair St.
WI 7-3636

PALMYRA

452. Troy Equipment Engineers, E. C.

PARK RIDGE

453. Aro Equipment Corp.

127 Warren Rd.
WI 4-5223

454. Dever, Raymond

P. O. Box 101

PASSAIC

455. Central Engineering & Supply Co.

834 Main Ave.

456. New Jersey Engineering & Supply Co.

577-581 Main Ave.
PR 7-7200

457. Wholesale Hardware Co.

175 Central Ave.
P. O. Box 119
PR 3-0800

PATERSON

458. Aeroquip Corp.

135 E. Railway Ave.

459. Bernstein Brothers, Inc.

1-17 Keen St. (4)
MU 4-6711

460. Burton Supply Co.

165 Park Ave.

461. Federal Supply Corp.

47 Godwin St.

462. Madison Machine Co.

119 E. 22nd St. (4)

463. Paterson Paint & Wallpaper Co.

12 Bridge St.

464. Phillips Co., Lawrence

P. O. Box 3534
194 Lakeview Ave. (3)
MU 4-4173

465. Playter, George

318 Haledon Ave. (2)
AR 8-0224

466. Precision Supply, Inc.

292 Belmont Ave. (2)
LA 5-7922

467. Ten Hoeve Bros.

359 McClean Blvd.

468. Van Duren Supply Co.

33-39 Fair Ave.
P. O. Box 1426 (1)

PAULSBORO

469. Esso Standard Oil Co.

Billingsport Rd. at Third St.

470. Sun Oil Co.

Clomell St.
HA 3-2400

PENNSAUKEN

471. Pilot Manufacturing Co., Inc.

7026 Camden Ave.
WA 2-1655

472. Wesson Co.

4747 Forrest Ave. (8)
NO 3-6195

PENN'S GROVE

473. Willis Co., Inc., R. F.

7 Oak St.

PERTH AMBOY

474. E & B Mill Supply Co.

267 New Brunswick Ave.
HI 2-6820

475. Gregg's Brass Foundry

259 Bertrand Ave.
HI 2-2086

476. Industrial Welding Supply Co.

410 Fayette St.
VA 6-2283

477. Madsen & Howell, Inc.

313 Madison Ave.
VA 6-4000

478. O. K. Electric Supply Co.

224 Washington St.
VA 6-6100

PLAINFIELD

479. Anocut Engineering Co.

P. O. Box 611
PL 6-4213

480. Hanson-Van Winkle-Munning Co.

101 E. Fifth St.
PL 6-1774

481. Humble, A. R.

96 Fairview Ave.
PL 5-4450

482. Jersey Welding Supply Co.

234 E. Third St.
PL 4-9308

483. Kingston-Conley, Inc.

900 North Ave.

484. Pauli & Associates, E. H.

705 Park Ave.
PL 5-4440

485. Seaboard Associates

900 North Ave.

POMPTON LAKES

486. Pridmore, Fred B.

115 Ramapo Ave.
TE 5-0134

SALES OFFICES

NEW JERSEY

PREAKNESS

487. Gluck, Charles V.
34 Oakley Wy.
MO 8-3065W

PRINCETON

488. Punnett Co., W. M.
74 Deer Path
WA 1-6786

RAHWAY

489. Metal & Thermit Corp.

RAMSEY

490. Hildreth, J. R.
145 Arch St.
DA 7-6240

RIDGEFIELD

491. Brown & Sharpe Cutter Service Co.
590 Grand Ave.
WH 3-0661
492. General Radio Co.
Broad Ave. at Linden
WH 3-3140
493. Indiana Commercial Filters Corp.
663 Grand Ave.
WH 5-8490
494. Janette Electric Manufacturing Co.
595 Broad Ave.
WH 5-3290
495. Meyer Hardware Co., A. W.
Broad and Edgewater Ave.
WH 5-3500
496. Minnesota Mining & Manufacturing Co.
700 Grand Ave.
WH 3-6700
497. Unisco, Inc.
1061 Linden Ave.
WH 3-3220

RIDGEWOOD

498. Burgmaster Eastern Sales Div.
86 N. Maple Ave.
GI 4-3002
499. Engel & Associates, G. Curtis
210 S. Broad St.
500. Harck, W. C.
105 Pershing
GI 4-2511
501. Hinze, Roger S.
136 Woodside Ave.
GI 4-7503
502. Reilly & Co., Thomas J.
P. O. Box 159
GI 4-1475

RIVER EDGE

503. Milo, Joseph
431 Kinderkamack Rd.
CO 1-6994
504. Standard Gage Co., Inc.
954 Kinderkamack Rd.
CO 2-1770

RIVERTON

505. O'Donnell, John J.
104 Lippincott

RIVER VALE

506. Jaret, Julian
542 Jones Rd.
PR 9-0459

ROCHELLE PARK

507. Herbert & Co., James P.
P. O. Box 121
HU 7-3549
508. National Abrasive Sales Co.
6 Prospect Ave.
P. O. Box 121

ROSELAND

509. Gawler-Knoop Co.
178 Eagle Rock Ave.
CA 6-4545

510. Resistoflex Corp.
Woodland Rd.
CA 6-7700

ROSELLE

511. Ingersoll-Rand Co.
360 W. First Ave.
CH 1-2500

RUTHERFORD

512. Benowitz Hardware, Ira
104 Park Ave.
WE 9-3300
513. Coffey, Charles J.
26 W. Van Ness Ave.
WE 3-3333
514. Mechanical Arts Co.
4 Orient Wy.
515. Riggio Co., Inc., Frank D.
31 State Hwy. 17
WE 9-8450

SCOTCH PLAINS

516. Weigle, Raymond
29 Homestead Ter.
FA 2-4547

SECAUCUS

517. Grayson-List & Co.
State Hwy. #3
UN 4-8500

SHORT HILLS

518. Meade Co., B. S.
630 Morris and Essex Turnpike
DR 6-1311

SOMERVILLE

519. Somerville Electric Supply Co.
275 S. Bridge St.
RA 2-0800

SOUTH AMBOY

520. Sun Oil Co.
Augusta St.
PA 1-2300

SOUTH MERCHANTVILLE

521. Ryan Tool Supply Co.
6 Glen La., Murray Manor
NO 3-1372

SOUTH ORANGE

522. Cleveland Automatic Machine Co.,
The
210 Ruskin Bldg.
75 S. Orange Ave.
SO 2-3728
523. Leland-Gifford Co.
75 S. Orange Ave.
SO 2-4384
524. N. Y. & N. J. Lubricant Co.
308 Clark St.
OR 4-0751

SOUTH RIVER

525. Metal Products Co., Inc.
377 Turnpike

SPARTA

526. Anton, A. C.
1322 Woodlawn Rd.
527. Croteau, P. V.
826 Balsam Prkwy.
528. Tyler, H. H.
P. O. Box 1412
MO 7679

SPRINGFIELD

529. DeVilbiss Co., The
10 Stern Ave.
DR 6-7900
530. Ex-Cell-O Corp.
36 Commerce St.
CO 7-2384
531. Hutchinson Co., Wm. T.
53 Brown Ave.

532. Montgomery & Co., Inc.
401 Morris Ave.
BI 8-1045

533. Sargent & Co., E. H.
35 Stern Ave.

534. Universal Cyclops Steel Corp.
40 Stern Ave.
DR 6-3000

535. Vickers, Inc.
51 Springfield
DR 6-3500

SUMMIT

536. Engineered Sales Co.
21 Chatham Rd.
P. O. Box 328
CR 3-6755

537. Metal Carbides Corp.
25 Chatham Rd.
CR 3-9500

538. Metz, J. A.
19 Madison Ave.
CR 3-2189

TEANECK

539. Hydraulic Press Manufacturing Co.,
The
352 Cedar La., Box 25
TE 6-1613
540. Mallory & Co., Inc., P. R.
545 Cedar La.
TE 6-4702

541. Udoff, Victor
268 Griggs Ave.
TE 6-5566

TENAFLY

542. Berkshire Co., H. R.
428 Tenafly Rd.
LO 7-3800

TETERBORO

543. Behr-Manning Co.
Green and North Sts.
AT 8-1771
544. Boston Gear Works
400 Hollister Rd.
AT 8-9555
545. Gardner-Denver Co.
700 Huyler St.
AT 8-9151
546. Harnischfeger Corp.
100 North St.
AT 8-1228
547. Norton Co.
Green and North Sts.
AT 8-1771

TOMS RIVER

548. MacBride, W. J.
28 Brooks Rd.
PO 5-6006-7

TOTOWA

549. Dick Co., Inc., R. & J.
Minnisink Rd. and Furler St.

TOWACO

550. Thomson, N.
Hollister Rd.
DE 4-6441

TRENTON

551. Abbey Etna Machine Co.
18 Barnett Rd.
EX 4-7137
552. Airborne Instruments Lab.
39 Meadowbrook Ave.
LY 9-9170
553. Armstrong Industrial Supply Co.
2197 Spruce St.
TR 3-7165
554. Barnes Corp., John S.
132 E. Hanover St.
EX 2-5609
555. Battersby Corp., The
EX 3-5350
556. Bellows Co., The
658 Whitehead Rd. Ext.
OW 5-7139

SALES OFFICES

NEW JERSEY

- 557. Cleveland Tramrail Wiley-Hughes Co.
801 New York Ave. (8)
EX 3-4273
- 558. Delco Products Div.
93 Ward Ave. Ext.
JU 7-2600
- 559. Egan & Co., Thomas
241 E. Front St.
- 560. Flow Co., The
Broad St. Bank Bldg.
EX 4-2156
- 561. Gainsborg & Son, E. C.
1812 N. Olden Ave. (8)
EX 3-8018
- 562. General Electric Co.
214 E. Hanover St. (8)
OW 5-7459
- 563. Heinemann Electric Co.
- 564. Houghton & Co., E. F.
18 Reed Ave. (10)
EX 2-5885
- 565. Jackson-Walter Co.
Phone: Phila. RI 6-7470
- 566. Landau, Herbert H.
P. O. Box 999 (9)
- 567. Lindsay-Oberholzer Co.
1764 N. Olden St. (8)
OW 5-5467
- 568. Manufacturers Selling Co.
80 N. Olden Ave. (5)
- 569. McCracken & Sons, R. S.
1020 Spruce St.
- 570. Mill Supply & Hardware Co.
285 N. Willow St. (7)
OW 5-5471
- 571. Moffatt Bearings Co.
1609 N. Olden Ave. Ext. (8)
OW 5-3484
- 572. Para Laboratory Supply Co.
Fourth and Spruce Sts.
- 573. Robertson Manufacturing Co.
- 574. Sinclair Industrial Supply Co.
968 E. State St.
P. O. Box 452 (9)
EX 2-5193-3, EX 2-7500
- 575. Sun Oil Co.
Sunport (5)
OW 5-6164
- 576. TEK Bearing Co.
1609 N. Olden Ave. Ext. (8)
OW 5-3484
- 577. Trenton Saw Co.
2767 S. Broad St.
- 578. Warren-Balderston Co.
325 N. Willow St. (6)
EX 4-5345
- 579. Whittaker, A. E.
77 Sykes Ave.
EX 2-4933
- 580. Wiley-Hughes Supply Co.
New York Ave. and Spruce St. (8)
EX 3-4273

UNION

- 581. A. B. C. Sales Co.
711 Lehigh
MU 6-9150
- 582. Air Reduction Sales Co.
Clermont Ter.
P. O. Box 2
EL 4-1212
- 583. Brown & Sharpe Manufacturing Co.
1275 Stuyvesant Ave.
MU 6-8750
- 584. Cleveland Tramrail Newark Co.
P. O. Box 351
MU 8-1827
- 585. Croft Tools, Inc.
2165 Morris Ave.,
P. O. Box 154
MU 8-2270
- 586. Dayton Perforators, Inc.
2165 Morris Ave.
MU 8-7364
- 587. Duff and Co., Gerald B.
2165 Morris Ave.
MU 6-1747
- 588. Elastic Stop Nut Corp. of America
E330 Vauxhall Rd.
MU 6-6000

- 589. Federal Products Corp.
2165 Morris Ave.
MU 8-8775
- 590. Lincoln Electric Co., The
971 Lehigh Ave.
MU 6-1230
- 591. Linde Co.
P. O. Box 404
2065 Route 22
MU 8-3414
- 592. Roberts, James T.
P. O. Box 215
2165 Morris Ave.
MU 6-1433
- 593. Stokes Corp., F. J.
2165 Morris Ave.
MU 8-2636
- 594. Webb Co., Jervis B.
2165 Morris Ave.
MU 6-2700
- 595. Wheelabrator Corp.
1344 Stuyvesant Ave.
MU 6-7223

UNION CITY

- 596. Golzio, Ralph J.
2902 Bergenline Ave.
UN 6-6652
- 597. Phelps Co., Charles C.
700 New York Ave.

UPPER MONTCLAIR

- 598. Lanaman, Garry
P. O. Box 84
PI 6-9540

VERONA

- 599. Kuzmick Co., The Paul L.
271-279 Grove Ave.
CE 9-4602

- 600. Magna Engineering Sales Co.
71 Harrison St.

VINELAND

- 601. Detrex Chemical Industries, Inc.
810 Chestnut Ave.
Phone: 7-0531

WALDWICK

- 602. Zaugg, Fred
P. O. Box 268
GI 5-8882

WATCHUNG

- 603. Horbruch Associates
22 East Dr.
PL 5-0500

WAYNE

- 604. Industrial Distributors
Black Oak Ridge Rd.
- 605. Parker Rust Proof Co.
Mountain View
MO 8-2380

WEST ENGLEWOOD

- 606. Dempsey, J. P.
P. O. Box 6
TE 6-7236
- 607. Green Co., Oliver J.
1407 Palisade Ave.
TE 7-4402

WESTFIELD

- 608. High Precision Products
902 Carleton Rd.
WE 2-0850
- 609. Lobkowitz Machinery Co.
24 Prospect St.
AD 3-1232
- 610. Magnethermic Corp.
233 North Ave.
AD 3-1326
- 611. Rudel Machinery Co., Inc.
P. O. Box 161
LV 159-R-12
- 612. Sturmer, Walter E.
100 Quimby St.
AD 2-0017—BR 2-5111

- 613. Trucktor Corp., The
1137 Route 22
P. O. Box 421

WESTMONT

- 614. Bancroft & Co., H. S.
209 Cooper St.
CO 5-5215

WEST NEW YORK

- 615. Russell, Holbrook & Henderson, Inc.
525 51st St.

WEST ORANGE

- 616. Dodd, Val
28 Oxford Ter.
P. O. Box 22, Orange
HU 3-2100
- 617. Jarl, Robert G.
140 Randolph Pl.
OR 3-2974
- 618. Lombardi, F. O.
90 Northfield Ave.
OR 7-0807
- 619. Russell, Holbrook & Henderson, Inc.
90 Northfield Ave.
OR 7-0807
- 620. Weatherhead Co., The
368 Gregory Ave. (4)

WEST PATERSON

- 621. Beryllium Copper Supply Co.
256 Bergen Blvd.
CL 6-1085

WESTWOOD

- 622. Dalldorf, Paul F.
633 Repetti St.
NO 6-1004
- 623. Happonan, L. E.
501 Celia Ct.
- 624. Snow Co., Ferdinand J.
333 Old Hook Rd.
NO 4-7030

WHITEHOUSE

- 625. Sta-Put Sales Co.
Phone: 235W

WILDWOOD CREST

- 626. Taylor, Jr., Allen B.
126 E. Lavender Rd.
P. O. Box 507
WI 2-7053

WOODBIDGE

- 627. Hansen & Yorke Co. of New Jersey
455 Green St.
ME 4-4000

WOODBURY

- 628. Lehmann, Rodolphe
430 Cooper St., Apt. 4-E
TI 5-4617

WOODCLIFF LAKE

- 629. Philpott, Thomas M.
140 Rose Ave.
PA 6-1515

WYCKOFF

- 630. Brown-Van Kampen, Inc.
235 Van Houten Ave.
TW 1-1212

NEW MEXICO

ALAMOCORDO

- 1. Oglesbee & Associates, R. K.
Desert Air Motor Hotel
HE 7-2110

ALBUQUERQUE

- 2. A & A Supply Co.
114 Morningside Dr., North East
AL 6-0307

SALES OFFICES

NEW MEXICO

ALBUQUERQUE (cont.)

3. Albuquerque Machine & Supply Co.
1623 Fourth St., North West
P. O. Box 403
Phone: 3-2143
4. Albuquerque Materials Handling Co.
6431 Linn Ave., North East
Phone: 6-5518
5. Albuquerque Welding Supply
336 Vermont, North East
6. Allis-Chalmers Manufacturing Co.
5104 Grand Ave., North East
AL 6-5064
7. Associated Engineers
419 Central Ave., North West
CH 2-7185
8. Austin, J. G.
1505 Las Lomas, North East
Phone: 5-9494
9. Big Three Welding Supply Co.
4318 Second St., North West
DI 4-1644
10. Black, Ralph B.
721 Loma Vista Dr., North East
Phone: 5-9625
11. Bowen Co., R. G.
2228A San Mateo Blvd., North West
P. O. Box 3177, Station D
AL 5-4603
12. Boyd Industrial Engineering, Inc.
112 W. Granite St., North East
P. O. Box 594
CH 3-2247
13. Braun Chemical Co.
121 Seventh St., North West
14. Brunner & Lay Rock Bit of
Asheville, Inc.
2224 Broadway, South East
CH 2-7730
15. C & E Tool & Supply Co.
2007 First Ave., North West
16. CG Electronics Corp.
15000 Central, East
AL 6-9858
17. Carder, John
1624 N. First St.
18. Carrier Corp.
8200 1/2 Menaul Blvd., Northeast
AX 5-4248
19. Clark Controller Co., The
419 Central Ave., North West
CH 2-7180
20. Consolidated Electrodynamics Corp.
301 Washington, South East
21. Contractors' Equipment & Supply Co.
707 Broadway, North East
CH 3-3583
22. Cornelius Co., Harry
1510 Second St., North West
P. O. Box 363
Phone: 3-1776
23. Cummins Rio Grande Sales & Service,
Inc.
P. O. Box 6186
24. Dedek, Chas. A.
322 Tyler Rd., North West
DI 4-6509
25. Equipment Sales & Manufacturing Co.
1017 Fourth St., North West
P. O. Box 6218
CH 3-6769
26. Flournoy Co., E. D.
217 Sixth St., South West
27. Garrett Supply Co.
3513 Central Ave., South East
AM 5-5968
28. General Electric Co.
323 Third St., South West
CH 3-3741
29. Gorman Engineering Co.
1330 12th St., North West
Phone: 7-1286
30. Harrison Co., Inc., R. L.
1801 Fourth St., North West
31. Industrial Associates
P. O. Box 3273

32. Industrial Supply Co.
1647 Second St., North West
P. O. Box 1125
CH 3-3517
33. Interstate Tool & Supply Co.
122 General Marshall, North East
34. Kinney Materials Handling
Equipment, Inc.
305 Bryn Mawr Dr., South East
AL 7-5518
35. Korber & Co.
P. O. Box 486
36. Landes, Zachary & Peterson Co.
4900 Domingo Rd., North East
P. O. Box 3245, Station "D"
AL 6-9449
37. Lively Equipment Co.
2601 Fourth St., North West
Phone: 4-3411
38. Metal Goods Corp.
2816 Virginia Ave., North East
CH 2-3313
39. Monette, Elmer
1604 Hendola Dr., North East
AM 8-8968
40. Montezuma Bearing Service
1413 First St., North West
41. Morris Steel & Supply Co.
2222 Broadway, South East
Phone: 2-4452
42. New Mexico Steel Co.
510 Marquette St., North West
CH 3-3596
43. Overgard Machine Tools, Inc.
1617 Gold, South East
CH 2-5323
44. Ozalid Branch Office
419 Central Ave., North West
CH 3-3585
45. Plasticrafts, Inc.
1629 Fourth St., North West
CH 3-0718
46. Pound Brothers
412 Marble Ave., North West
CH 3-7741
47. Rio Grande Sales Co.
2513 Rio Grande Blvd., North West
DI 4-4118
48. Roadrunner Equipment Co.
143 Coors Blvd., South West
CH 2-8425
49. Spencer Co.-Branch Office
P. O. Box 1633
Phone: 2-4127
50. Steel & Engineering Products Co.
5900 Domingo Rd., North East
P. O. Box 8026, Station C
AL 6-9612
51. Sweikhardt, Karl W.
P. O. Box 6156
CH 6-6429
52. Valley Welders Supply Co.
2110 Second St., South West
Box 924
53. Vard, Inc.
5707 Princess Jeanne, North East

CARLSBAD

54. Carlsbad Supply Co.
501 Park Dr.
P. O. Box 1042
55. Vascoloy-Ramet Corp.
402 1/2 S. Main St.
P. O. Box 348
Phone: 5-3138

FARMINGTON

56. Big Three Welding Supply Co.
Box 1237
DA 5-3782
57. Justis Supply Co., Inc.
800 Block E. Main
Box 247
DA 5-3551-2
58. Montezuma Hardware
DA 5-5577
59. Snyder Co.
1903 E. Mojave St.

HOBBS

60. El Paso Welding Supply
123 N. Grimes St.

61. Morrissey, A. J.
915 Pecan Dr.
EX 3-8009
62. Pennington, Earl E.
Green Acre Dr.
Box 2345
EX 3-3756

LAS CRUCES

63. El Paso Welding Supply

ROSWell

64. Roswell Auto Co.
122-128 W. Second St.

NEW YORK

ALBANY

1. Airborne Instruments Lab.
90 State St. (7)
AL 4-4342
2. Albany Calcium Light Co.
287 Hudson Ave. (10)
3. Albany Hardware & Iron Co.
Broadway at Arch St.
4. Albany Welding Supply Co.
20 Center St. (4)
AL 5-7351
5. Allen-Bradley Co.
1547 Central Ave. (5)
UN 9-9363
6. Aluminum Co. of America
90 State St. (7)
Phone: 4-0146
7. Baker, Harry W.
1547 Central Ave. (5)
UN 9-9671
8. Bellows Co., The
323 Central Ave. (6)
AL 5-1365
9. Carse Electric Corp.
1044 Broadway
AL 62-5364
10. Cenci, John
9 Kelly Ave. (3)
Phone: 8-8811
11. Christie, F. D.
16 Clarendon Rd.
Phone: 8-0973
12. Colson Corp., The
11 N. Pearl St.
AL 5-3827
13. Conway, William T.
272 Quail St.
Phone: 8-8718
14. Day Co., Royce W.
Schenectady Rd.
P. O. Box 757
ST 5-9840
15. Detroit Supply Co.
80 Central Ave.
16. Eastern Metals Warehouse
P. O. Box 910 (1)
AL 89-3281
17. General Electric Co.
8 Colvin Ave. (3)
Phone: 89-4776
18. Giro Sales Associates
15 Henry Dr., R. D. 1 (3)
Phone: 8-5295
19. Keylan Co., R. A.
512 Bradford St.
Phone: 8-4666
20. Leeds & Northrup Co.
1547 Central Ave. (5)
UN 9-9079
21. Lincoln Electric Co., The
1593 Central Ave., 1-C (5)
UN 9-9364
22. Lukens Steel Co.
11 N. Pearl St. (7)
Phone: 4-2157
23. Mitchell, Alexander
103 N. Lake Ave.
Phone: 3-6607
24. Reagan, J. A.
45 N. Lake Ave.
AL 6-9649
25. Reynolds Metals Co.
810 Home Savings Bank Bldg. (7)
AL 4-6260

SALES OFFICES

NEW YORK

26. Rushmore-Weber, Inc.
Box 578
27. Sager-Spuck Supply Co., Inc.
360-366 Broadway (1)
Phone: 3-4461
28. Sanders Industrial Equipment Co.
9 Kelly Ave. (3)
Phone: 8-8811
29. Schenectady Material Handling Co.
2022 Central Ave. (3)
UN 9-5202
30. Shell Oil Co.
1066 Madison Ave. (8)
AL 8-3511
31. Sinclair Refining Co.
P. O. Box 655
32. Slade Tractor Co., Inc.
922-926 Broadway (4)
33. Snap-on Tools Corp.
118 Everett Rd. (12)
Phone: 8-4056
34. Socony Mobil Oil Co., Inc.
P. O. Box 1149 (1)
35. Smith Machine Tools, Carl
255 Myrtle Ave. (2)
Phone: 5-0027
36. Sun Oil Co.
Riverside Ave., Rennselaer
AL 5-1551
37. Tek Bearing Co., Inc.
20 Loudonville Rd.
P. O. Box 987
Phone: 5-7268
38. United States Electrical Motors, Inc.
3 North Gate Dr. (3)
AL 89-3777
39. Wing & Son Corp., R. B.
384 Broadway (1)
Phone: 3-4161
40. Woodward Co., The
Tivoli St.

AKRON

41. Wales-Strippit, Inc.
LU 2711
42. Weatherhead Co., The
141 Main St. (4)
AK 9538

ALDEN

43. Paco Engineering Co.
6578 Broadway
RE 3526

AMSTERDAM

44. Larrabee Co., John E.
3-9 Market St.
VI 2-7000

AUBURN

45. Blakeslee & Co.
12 Morris St.
Phone: 3-9518
46. Herron Hardware Co., M.
32 Genesee St.
47. Mac-It Parts Co.
Turnpike Rd., R. D. #5
Phone: 2-9182

AUBURNDALE

48. Russell, Holbrook & Henderson, Inc.
36-39 171st St. (1)
IN 1-0257

BALDWIN

49. Dependable Tool & Service
318 N. Grand Ave.
BA 3-4181

BALDWINVILLE

50. Kummert, Werner
56 Artillery La.
NE 5-9165
51. Sweeney, T. M.
12 Smallwood Dr.
NE 5-9842
52. Wilson Production Tools, Frank M.
56 Artillery La.
NE 5-9165

BALLSTON LAKE

53. Jacobs, William L.
2 Frank St.
UP 2-8378

BATAVIA

54. Diamond Saw Works, Inc.
Main St.
FI 3-6801
55. Klue, Wally A.
245 Ross St.
FI 3-6623

BAY SHORE

56. Air Powered Tools, Inc.
P. O. Box 465

BAYSIDE

57. Kortvelesy, K. J.
Box #26
BA 4-8812
58. New York & New Jersey Lubricant
Co.
51-26 217th St. (64)
BA 4-3599
59. Robinson, Edwin
39-11 215th St. (61)
BA 5-8595
60. Vosler Corp.
40-08 Cpl. Kennedy St. (61)

BAYSIDE HILL

- 60A Sanford, D. W.
5327 214th St.

BELLE HARBOR (L.I.)

61. Brenner, Melvin
432 Beach 140th St.
NE 4-7103

BELLEROSE

62. Atomic Accessories, Inc.
244-02 Jamaica Ave.
PR 5-6175

BELLMORE (L.I.)

63. Specialized Technical Sales
2782 Merrick Rd.

BINGHAMTON

64. Belt Rope Supply Co., Inc.
47 State St.
65. Binghamton Industrial Supply Co.
265-207 State St.
BI 4-3221
66. Binghamton Material Handling Co.
Box 286
Phone: 3-0091 or 2-0343
67. Elliott Manufacturing Co., Inc., B. W.
350 State St.
BI 4-2512
68. General Electric Co.
19 Chenango St.
Phone: 2-3466
69. Georgia-Hanks Co., Inc.
201 Water St.
Phone: 4-2457
70. LeValley-McLeod, Inc.
358 Water St.
Phone: 2-4263
71. Marsh, R. P.
65 Glenwood Ave.
72. Millar & Son Co., Charles
State and Susquehanna Sts.
73. Morse Co., Ellis W.
81 State St.
BI 4-1368
74. Sun Oil Co.
P. O. Box 230, Johnson City
JO 7-2334
75. Syracuse Bearing Co.
5 Jarvis St.
Phone: 3-5469
76. Syracuse Supply Co.
536½ Front St.
Phone: 2-8198

BLASDELL

77. Wall Colmonoy Corp.
21 Seneca St.
TR 8900

BRIGHTWATERS

78. Federal-Mogul Div.
150 S. Bay Ave.
79. Russell Associates, Inc.
164 Orinoco Dr., Long Island
MO 6-6500

BROCKPORT

80. Britton, George H.
3780 Lake Rd., North
P. O. Box 32
BR 585

BROOKLYN

81. Academy Welding Supply
185 Wilson St.
82. Alloyal Corp., The
P. O. Box 53, Ryder Station
ES 7-1016
83. Allboro Equipment Co.
839 Pennsylvania Ave.
84. Allied Service & Supply Co.
570 Third Ave. (15)
85. Ashland Supply Corp.
312 Ashland Pl. (17)
NE 9-9553
86. B & B Electric Co.
608 Broadway (6)
EV 8-1010
87. Bellows Co., The
536 Broadway
EV 8-8387
88. Belmont Smelting & Refining Works
230 Belmont Ave. (7)
DI 2-4900
89. Beltran Associates, Inc.
1133 E. 34th St. (10)
90. Bliss Co., E. W.
65 Adams St. (1)
MA 4-5115
91. Brady and Engel
1078 Cypress Ave. (27)
VA 1-7057
92. Bricker & Andes
290 Atlantic Ave.
93. Brooklyn Tool Supply Co.
714 Bedford Ave. (6)
94. Bruckner Machine & Tool Co.
202 Broadway (11)
EV 4-5353
95. Bush Terminal Hardware Co., Inc.
Fourth Ave. and 39th St. (32)
96. Capitol Hardware Co.
946 Fourth Ave.
97. Century Fasteners Corp.
88 Sanford St. (5)
98. Collins & Co.
575 Atlantic Ave. (17)
TR 5-1070
99. Continental Air Equipment Co.
4112 Fourth Ave. (32)
ST 8-3362
100. Continental Cutter & Supply Co.
5402 Fourth Ave. (20)
ST 8-3362
101. Cusantite Corp., The
1228 Utica Ave. (3)
UL 6-5100
102. Dickie, H. L.
314 36th St.
ST 8-2993-4-5
103. Elgood Materials Corp.
327 TenEyck St.
HY 7-5445
104. Equipment for Industry
1265 Atlantic Ave.
105. Esso Standard Oil Co.
320 Freeman St. (22)
106. Fayne, Inc.
251-253 St. Marks Ave. (38)
ST 9-7700

SALES OFFICES

NEW YORK

BROOKLYN (cont.)

107. Franson Welding Supply Co.
1037 39th St.
GE 8-0404
108. Grannett Supplies
199 Sockett St.
109. Hamsley, Inc.
228 40th St. (32)
ST 8-1144
110. Hansen & Hasle
131-135 Myrtle Ave. (1)
UL 8-1360
111. Holden, T. N.
P. O. Box 42, Vanderveer Station (10)
UL 9-4345
112. Holland & Sons, Inc., J.
475 Keap St. (11)
EV 7-3315
113. Industrial Utilities Co.
1426 Atlantic Ave.
PR 8-5360
114. Kasper & Koetzle, Inc.
563-567 Bushwick Ave. (8)
GL 8-6300
115. Kramers
717 Church Ave.
116. Levow, David
898 Hart St.
HY 1-6300
117. Lewis, Larry
1202 Ave. "I" (30)
DE 8-7232
118. Logan Tool Co.
906 Atlantic Ave. (38)
119. Mill Hardware & Tool Co.
472 Union Ave. (11)
EV 8-2301
120. Miltre Specialty Co.
815 Broadway
EV 8-1145
121. Mitchell & Co., George M.
15 Fourth Ave. (17)
122. Morton Machinery, Inc.
45 Broadway
EV 4-0380-81
123. Mosher Co., The
15 Exchange St.
124. National Bolt & Nut Co.
1125-7 Myrtle Ave. (8)
125. Nelson, Inc., A. N.
370 Hamilton Ave. (31)
MA 5-3860
126. North Side Leather Belting Co.
248 Lorimer St. (6)
EV 7-5067
127. Paladino, Frank
2316 81st St. (14)
ES 2-7916
128. Petty & Wherry, Inc.
333 Atlantic Ave.
MA 4-7065
129. Presto Plating Equipment
89 N. 11th St.
130. R. & L. Hardware Co., Inc.
1236 Utica Ave.
BU 4-3566
131. Rutley Industries, Inc.
265 Butler St.
TR 5-6250
132. S & S Machinery Co.
140 53rd St.
HY 2-7480
133. Sharpe & Pulaski
451 Sixth Ave. (15)
HY 9-6832
134. Smith Air Compressor Corp., Roy
3435 Atlantic Ave. (8)
AP 7-8830
135. Snap-on Tools Corp.
1033 Utica Ave. (3)
HY 5-9595
136. Standard Equipment Co.
3175 Fulton St.
137. Stein Equipment Co.
107 Eighth St. (15)
ST 8-1944

138. Thorpe Co., John N.
70-80 Middagh St. (1)
MA 4-4857
139. Tiebout & Sons, Inc., C. H.
Grand St. and Kent Ave.
140. Tri-State Supply Co.
11 Stone Ave. (33)
GL 2-1231
141. Universal Shellac and Supply Co.
540 Irving Ave. (27)
HY 7-1772
142. Valley Forge Products, Inc.
370 19th St. (15)
143. Wales Stripit, Inc.
66 Willoughby St.
UL 5-7885
144. Whaledent, Inc.
304 Kinston Ave. (13)
PR 4-8942
145. Wilkins Co., B.
2060 Ocean Ave. (30)
MU 3-1093
146. Zimmer Welding Supply
251 Fourth Ave. (15)

BRONX

147. A & B Industrial Sales Co.
361-A E. 146th St.
LU 5-7200
148. Abrasive Products, Inc.
344 Tiffany St. (59)
KI 2-7600
149. Alto Supply Co.
2510 White Plains Rd. (67)
150. Arc Welding Supply Co., Inc.
467 Bruckner Blvd. (55)
LU 5-4200
151. Brown & Silver, Inc.
813 Westchester Ave. (55)
152. Schwarz, Bert
1230 Jerome Ave.
CY 3-8700
153. Sigel, Henry
1946 E. Tremont (62)
154. Thalman Equipment Co.
1933 W. Farms Rd. (60)

BRONXVILLE

155. Parker, Franklin B.
26 Woodland Ave.
DE 7-5057
156. Spoley, V. L.
786 Palmer Rd.
DE 7-1218

BUFFALO

157. Aaron Machinery Co., Inc.
251 Broadway
MO 7-4888
158. Acme Bearings
1387 Niagara St.
159. Acton, Ken
216 Lisbon Ave. (15)
UN 0601
160. Airborne Instruments Lab.
3385 Harlem Rd. (25)
AT 4444
161. Air Reduction Sales Co.
720 Grant St. (13)
LI 1477
162. Alden Tool Sales Corp.
1233 Kenmore Ave. (23)
BE 0048
163. Alemite Co.
26 Goodrich St. (3)
164. Alexander & Fiden Machinery Co.
1011 Genesee St. (11)
HU 8006
165. Allegheny Ludlum Steel Corp.
2960 Main St. (14)
AT 4355
166. Allen-Bradley Co.
41 N. Division St. (3)
CL 7636
167. Allen Co., F. E.
1315 Hertel Ave. (16)
168. Allis-Chalmers Manufacturing Co.
170 Franklin St. (2)
WA 1741

169. Allis Co., The Louis
1807 Elmwood Ave. (7)
RI 2015
170. Aluminum Co. of America
1880 Elmwood Ave. (7)
RI 9700
171. American Brass Co., The
70 Sayre St. (5)
172. American Steel & Wire Div.
Liberty Bank Bldg. (2)
MO 3350
173. Anchor Industrial Supply
1208 Military Rd. (17)
174. Archer-Daniels-Midland Co.
1142 Marine Trust Blvd. (3)
- 174A. Armco Steel Corp.
704 Buffalo Industrial Bank Bldg. (2)
175. Austin-Ford-Logan, Inc.
1500 Kenmore Ave. (23)
RI 3770
176. Automation & Control Co.
1807 Elmwood Ave. (7)
BE 3832
177. Aydelotte, Luke D.
1106 Marine Trust Bldg. (3)
MO 5133
178. Balanrol Corp.
313 Niagara St., Box 59
MO 4425
179. Beals-McCarthy & Rogers, Inc.
635 S. Park Ave. (5)
WA 4900
180. Beesley-Hofmann Machinery Co.
438 Delaware Ave. (2)
GR 6241
181. Behr-Manning Co.
1418 Niagara St. (13)
LI 3300
182. Bellows Co., The
1807 Elmwood Ave. (7)
RI 5232
183. Belmore Industrial Sales, Inc.
6580 Main St. (21)
P. O. Box 132
SP 9828
184. Bernhart Co., Inc., W. J.
3041 Bailey Ave. (15)
UN 2919
185. Bethlehem Steel Co.
424 Main St. (2)
186. Bison Machinery & Tool Supply
1929 S. Park Ave.
187. Black & Decker Manufacturing Co.,
The
881 W. Delavan Ave. (9)
GR 6620
188. Bloom Associates, Arthur
48 Hancock Ter. (21)
CI 3692
189. Brace-Mueller-Huntley, Inc.
1807 Elmwood Ave. (5)
P. O. Box 136
VI 8700
190. Brady Co., W. H.
260 Delaware Ave.
MO 8792
191. Bridgeport Brass Co.
3580 Harlem Rd. (15)
192. Briggs Filtration Co.
1807 Elmwood Ave. (7)
RI 4577
193. Bristol Brass Corp., The
2000 Military Rd. (5)
VI 8700
194. Brodie Industrial Trucks, Inc.
1775 Warden Ave. (25)
FI 5600
195. Brunton & Son, Inc., G. W.
2315 Elmwood Ave. (7)
VI 0304
196. Buffalo Bearings
25 Terrace
197. Buffalo Chemical Branch
1807 Elmwood Ave. (7)
DE 8590
198. Buffalo Machinery Co., Inc.
833-841 Grant St. (13)
GA 1428-1429
199. Buffalo Materials Handling Corp.
863 Washington St. (3)
MA 5040

SALES OFFICES

NEW YORK

200. Buffalo Rubber & Supply Co.
526 Niagara St.
GA 2425
201. Buffalo Solvents and Chemicals Corp.
Box 73-Station B (7)
BE 1572
202. Buffalo Welding Supply Co.
37 E. Ferry St.
SU 6750
203. Burns, Joseph E.
36 Concord Pl. (26)
CI 0600
204. Carpenter Steel Co., The
2810 Union Rd. (25)
RE 0880
205. Chain Belt Co.
1807 Elmwood Ave. (7)
DE 5004 & 6393
206. Cherry, Howard E.
498 Winslow Ave. (11)
BA 3633
- 206A. Chicago Pneumatic Tool Co.
132 W. Chippewa St. (2)
207. Cincinnati Milling and Grinding
Machines, Inc.
1179 Kenmore Ave. (23)
RI 3402
208. Circo Equipment Co.
1051 Clinton St.
MA 3625
209. Clark Controller Co., The
1283 E. Delavan Ave. (15)
TA 1484
210. Clarke, William L.
4548 Main St. (26)
CI 3778
211. Cleveland Tramrail Buffalo Co.
Box 2691, Amherst Station (26)
UN 7969
212. Coleman, Robert E.
P. O. Box F (14)
UN 2032
213. Colson Corp., The
260 Delaware Ave. (2)
WA 2647
214. Combined Supply & Equipment Co.
215 Chandler St. (7)
215. Commercial Blue Print Co., Inc.
208 Lower Ter. (2)
MA 0208
216. Commercial Chemicals, Inc.
211 Hertel Ave. (7)
DE 5314
217. Conklin, Ray B.
259 Delaware Ave.
WA 7347
218. Consolidated Electrodynamics Corp.
2070 Sheridan Dr.
219. Coomber, Gary
1897 Eggert Rd.
UN 7800
220. Cordovano Co.
405 Rhode Island St. (13)
EL 7350
221. Cox Co., John C.
528 Blue Cross Bldg. (2)
MO 5166
222. Crane Machinery Co., E. L.
438 Delaware Ave. (2)
SU 3286
223. Crane Packing Co.
1807 Elmwood Ave., Room 105 (7)
BE 3992
224. Crucible Steel Co.
2051 Elmwood Ave. (7)
RI 9600
225. Cuno Engineering Corp.
4548 Main St. (26)
CI 4306
226. Danly Machine Specialties, Inc.
1807 Elmwood Ave. (7)
DE 1827
227. Davies Co., K. W.
3923 Harlem Rd. (26)
CI 2104
228. Day Manufacturing Co., S. A.
1483 Niagara St.
LI 5424
229. Detrex Chemical Industries, Inc.
311 Walbridge Bldg.
MO 7344
230. Do-ALL Buffalo Co., Inc.
1586 Kenmore Ave. (23)
RI 3424-3425
231. Dow Chemical Co., The
70 Niagara St. (2)
MO 8825
232. Elliot, J. P.
P. O. Box 2637, Amherst Station (26)
CI 1282
233. Empire Industrial Supply Corp.
50 Pearl St.
WA 2933
234. Enos & Sanderson Co., The
2080 Military Rd. (17)
P. O. Box 468
LU 8290
235. Ex-Cell-O Corp.
4548 Main St. (26)
CI 3778
236. Fairbanks, Morse & Co.
33-37 Franklin St. (3)
MO 4304
237. Farrel-Birmingham Co., Inc.
344 Vulcan St. (7)
BE 3440
238. Farrell Co., Inc., E. D.
603 S. Park Ave. (10)
MA 2025
239. Filtration Unlimited
1660 Kenmore Ave. (23)
VI 4464
240. Flagus Machinery Co., Inc.
155 Ensminger Rd., Station B (7)
RI 9650
241. Fotheringham, Inc., W. M.
975-981 Niagara St. (13)
LI 9088
242. Frontier Machinery Co.
17 Kenview Ave. (17)
RI 4241-VI 5059
243. Galvin Machinery Sales Co.
57 Blaine (8)
GR 4341
244. Gamble & Gamble
163 Audubon Dr. (26)
CI 0163
245. Gardner-Denver Co.
4532 Bailey Ave. (28)
AT 8300
246. Gardner Machine Co.
1807 Elmwood Ave.
RI 2212
247. General Electric Co.
625 Delaware Ave. (2)
GA 9210
248. Gerber Co., R. C.
260 Delaware Ave. (2)
MA 3980
249. Gessner Co., R. H.
480 Elmwood Ave. (23)
GA 3150
250. Gibbons, John G.
1660 Kenmore
RI 1412
251. Gisholt Machine Co.
495 Ellicott Square Bldg. (3)
CL 2518
252. Glaser Corp., The
797 Military Rd. (17)
RI 3221
253. Goldsmith & Son, Inc., T. R.
1507-1509 Main St.
LI 0028
254. Goll Equipment Co.
15 Rock St. (21)
SP 7200
255. Hague, Inc., Charles P.
625 Delaware Ave. (2)
GR 2782
256. Harnischfeger Corp.
257 Elmwood Ave. (22)
SU 0766
257. Harris Welding Equipment Co.
1043 Jefferson Ave. (4)
258. Hartfield-Healy Supply Co.
420 Niagara St. (1)
CL 3660
259. Hastings Marking Devices Corp.
1655 Jefferson Ave. (8)
260. Hoey Co., Peter
4560 Bailey Ave. (21)
AT 7080
261. Hogue, Richard B.
1660 Kenmore Ave. (23)
VI 2230
262. Hohl Industrial Sales Co., Inc.
1540 Niagara St.
EL 7210
263. Houdaille Industries, Inc.
537 E. Delavan Ave. (11)
FI 4000
264. Houghton & Co., E. F.
22 Villa Pl.
RE 9085
265. Huck Manufacturing Co.
1006 Prudential Bldg. (2)
MO 2420
266. Industrial Transmissions, Inc.
35 Pearl St.
MA 2102
267. Ingersoll-Rand Co.
117 W. Chippewa St. (2)
CL 6437-8-9-40
268. International Chemical Co., Inc.
370 Woodward St. (14)
UN 6844
269. Jackson, R. W.
4446 Main St. (26)
P. O. Box 2668
CI 2994
270. Johnson Bronze Co.
19 E. Utica St. (9)
EL 5211
271. Johnson & Co., Inc., Don F.
50 Pearl St. (2)
272. Jones & Laughlin Steel Corp.
Liberty Bank Bldg. (2)
WA 0268
273. Kaeslau, Earl
P. O. Box 2314 (23)
PA 7804
274. Kaiser Aluminum & Chemical Sales,
Inc.
257 Elmwood Ave. (22)
EL 9050
275. Keep Lift Trucks
133 Hopkins St. (20)
276. Keller Industrial Products, Inc.
50 Kinsey Ave. (17)
RI 3938
277. Keller Machinery Co.
210 Highland at Colvin (23)
BE 5678
- 277A. Kennametal, Inc.
31 Moeller St. (11)
278. Kencroft Associates, Inc.
373 Hertel Ave. (7)
RI 1520
279. Kolberg Co., Jack J.
7811 Sheridan Dr. (21)
PL 6230
280. Kurval File & Tool Co.
494 Franklin St. (2)
281. Lamb Co., The Robert F.
1807 Elmwood Ave. (7)
BE 3757
282. Lane Engineering Co.
1807 Elmwood Ave. (7)
RI 0770
283. Larson Equipment Co.
2558 Delaware Ave. (16)
VI 4-700
- 283A. Latrobe Steel Co.
2545 Walden Ave. (25)
284. Leeds & Northrup Co.
3685 Harlem Rd. (15)
AT 8900
285. Leney, Walter E.
357 Deerfield Ave. (15)
PA 4922
286. Lincoln Electric Co., The
69 Leddy St. (10)
TR 5032-5033
287. Linde Co.
250 Delaware Ave. (2)
WA 1616
288. Liquid Carbonic Corp., The
3155 Seneca St. (24)
289. Long, Frank T.
422 Niagara Falls Blvd. (23)
PA 5600

SALES OFFICES

NEW YORK

BUFFALO (cont.)

290. Lukens Steel Co.
446 Main St. (26)
CI 3077
291. Machinists' Tools, Inc.
854 Main St.
GR 5397
292. Manning, Maxwell & Moore, Inc.
260 Delaware Ave. (2)
293. Marathon Electric Manufacturing Corp.
P. O. Box 77 (21)
PL 8839
294. Mason, H. Arch
736 Ashland Ave. (22)
LI 1027
295. Master Pneumatic Tool Co., Inc.
1897 Eggert Rd.
UN 7800
296. McCarthy Co., Inc., E. F.
456 Hinman Ave. (23)
DE 2000
297. McKim Co.
267 Kenmore Ave. (23)
FA 0258
298. Metal Carbides Corp.
130 W. Chippewa St. (2)
MO 6140
299. Mey Chain Belt Co.
14 Sycamore Ave.
300. Miller, Albert L.
P. O. Box 825
PA 2651
301. Mills Welding Supply, Inc.
110 E. Utica St. (9)
SU 7300
302. Minnesota Mining & Manufacturing Co.
P. O. Box 2012 (5)
BA 5214
303. Munhall Co.
170 Franklin St. (2)
MO 1212
304. National Automatic Tool Co., Inc.
1807 Elmwood Ave. (7)
DE 3873
305. National Welding Supply Co.
674 Swan St. (10)
306. Neal Co., Inc., R. C.
76 Pearl St. (2)
MO 1110
307. Niagara Electric Sales Co.
505 Delaware Ave. (2)
SU 4000
308. Niagara Tank & Pump Co.
262 Carlton St. (4)
309. Nunn, Richard E.
315 Niagara Falls Blvd. (26)
UN 4356
310. O & B Equipment Co.
124 Jewett Pkwy. (14)
AM 4953
311. Oaks, Robert
457 Parker Ave.
UN 2730
312. O'Connell Machinery Co.
1696 Genesee St. (11)
BA 5800
313. Oilgear Co., The
610 Englewood Ave. (23)
AM 0575
314. Oliver Abrasive & Tool Co.
2075 Fillmore Ave. (14)
AT 5111
315. Osgood Machinery, Inc.
43 Pearl St. (2)
WA 1153
316. P & G Machinery Corp.
54 Gruner Rd. (25)
KE 7900
317. Paull, Fred A.
32 Admiral Rd. (16)
EX 1539
318. Peerless Mill Supply Co.
62 Washington St. (3)
CL 4784
319. Plastic Tooling Corp.
681 Seneca St.
MO 9041
320. Pooley Belting Co., S. H.
200 Oak St. (3)
321. Potter & Dugan, Inc.
51 Great Arrow Ave. (16)
VI 3360-61
322. Precision Grinding Wheel Co., Inc.
1660 Kenmore Ave. (23)
DE 5428
323. R & C Sales
260 Delaware Ave. (2)
324. Rapistan of New York, Inc.
2548 Elmwood Ave. (17)
VI 6000
325. Reineck, Donald
4515 Main St. (26)
CI 3566
326. Reliance Electric and Engineering Co.
4865 Main St. (25)
CI 3200
327. Republic Steel Corp.
1400 Rand Bldg. (3)
MA 5760
328. Revere Copper and Brass, Inc.
1807 Elmwood Ave. (7)
329. Reynolds Metals Co.
1965 Sheridan Dr. (23)
VI 2565
330. Rieckelman Co., H. E.
416 Jackson Bldg. (2)
MA 6662
331. Rogers Welding Supply
350 Masten Ave. (9)
GR 4700
332. Root, Neal & Co.
64 Peabody St. (10)
FA 6400
333. Ross Equipment Co., Inc.
291 Cleveland Dr. (15)
AT 7720
334. Rudel Machinery Co., Inc.
1807 Elmwood Ave. (7)
BE 9-847
335. Ryerson & Son, Jos. T.
40 Stanley St.
P. O. Box 906
BA 3811
336. Seaway Industrial Sales and Service
25 Clyde Ave.
AT 7580
337. Sciaky Bros., Inc.
307 Walbridge Bldg. (2)
MA 1560
338. Schnibbe Metallurgical Equipment Co.
P. O. Box 15, Bidwell Station (22)
LI 1587
339. Shoenhair, George
260 Delaware
MO 8587
340. Sinclair Refining Co.
625 Delaware Ave.
341. Skil Corp.
570 E. Delavan Ave. (11)
FI 1924
342. Smith-West Co.
578 Grant St.
LI 2214
343. Snap-on Tools Corp.
628 W. Utica St. (13)
GA 6374
344. Socony Mobil Oil Co., Inc.
P. O. Box 959 (5)
345. Spies, C. P.
108 Burroughs Dr. (26)
CI 0450
346. Steinwach's Safety Supply
1573 S. Park Ave. (20)
SO 3112
347. Sterna Electric Equipment Co., Inc.
66-70 Broadway (3)
WA 0194
348. Stetter Machinery Co.
4099 S. Harlem Rd. (26)
MO 5263
349. Stevens, Inc., Frederic B.
93 Stone St. (12)
TA 9850
350. Struebing & Buchheit, Inc.
1215 Military Rd. (17)
DE 8908
351. Stuker, Frank W.
360 Delaware Ave. (2)
CL 4642
352. Sun Oil Co.
River Rd., Tonawanda
VI 3300
353. Sundberg, Harold E.
Ellicott Sq. (3)
354. Syracuse Bearing Co.
2275 Fillmore Ave.
UN 5545
355. Syracuse Supply Co.
1965 Sheridan Dr. (23)
BE 1171
356. Syntron Buffalo Sales Co., Inc.
1800 Union Rd. (24)
HO 5200
357. Taylor Co., H. D.
99-123 Oak St. (5)
CL 5300
358. Tepas Co., C. H.
137 Lamark Dr. (26)
CI 3210
359. Texas Co., The
742 Delaware Ave. (9)
SU 6300
360. Thor Power Tool Co.
735 Military Rd. (23)
361. Timken Roller Bearing Co., The
2960 Main St. (14)
MA 7905
362. Tool & Die Supply
1588 Kenmore Ave. (23)
VI 4204
363. Tri City Tool & Machine Co., Inc.
833-841 Grant St. (13)
GA 5-500
364. Tri-Line Corp.
739 Englewood Ave. (23)
WA 9932
365. Tripoli & Co., Inc., J. V.
1622 Fillmore Ave. (11)
BA 1777
366. United States Electrical Motors, Inc.
3053 Main St. (14)
PA 8602
367. Universal-Cyclops Steel Corp.
1039 Niagara St. (13)
SU 2275
368. Vanadium-Alloys Steel Co.
1175 Military Rd. (17)
RI 2300
369. Van Kleeck, Inc.
123 Michigan Ave. (4)
CL 1714
370. Viking Tool & Steel Co.
1039 Niagara St. (13)
SU 2275
371. Wagner, Elmer
296 Stockbridge St. (15)
PA 3645
372. Walte Abrasive Products
62 Clyde Ave. (15)
PA 4913
373. Wales Strippit, Inc.
537 E. Delavan Ave. (11)
HU 5944
374. Walther, R. E.
610 Jackson Bldg. (2)
WA 0128
375. Weltronic Co.
2085 Berg Rd. (18)
FA 2020
376. Wheelock, Lovejoy & Co., Inc.
144 Milton St. (10)
TR 6550
377. Whitehead Metals, Inc.
2128 Elmwood Ave. (7)
BE 3100
378. Will Corp. of Buffalo, Inc.
Box 448 (5)
379. Williams Co., J. H.
400 Vulcan St. (7)
RI 3200
380. Wilson Co., Frank M.
2154 S. Park Ave. (20)
SO 3676

SALES OFFICES

NEW YORK

429. Instrument Sales Corp.
1941 Teall Ave.
430. Magna Engineering Sales Co.
910 Kinne St.
HE 7-8227
431. Ross Equipment Co., Inc.
25 Eastern Ave.
432. Syracuse Supply Co.
Court Street Rd. (1)
Phone: 2-9231

EAST WILLISTON

433. A A Tool Co.
P. O. Box 127
PI 6-8550

EBENEZER

434. Gill, Verne W.
108 Woodward Dr.
HO 1206

ELMA

435. Johnson & Sons, Don F.
3070 Bowen Rd.
EL 3-7191

ELMHURST

436. Elk Welding Supply Co.
76-19 Queens Blvd.
HA 4-2600
437. Regan, J. E.
44-31 Keicham St. (73)
HA 4-3306

ELMHURST

438. Russell, Holbrook & Henderson, Inc.
89-21 Elmhurst Ave.
DE 5-1062

ELMIRA

439. Booth Co., Irvind D.
620 William St.
440. Brady Supply Corp.
649 Madison Ave.
Phone: 3-4618
441. General Electric Co.
Main and Woodlawn Aves.
Phone: 3-5611
442. Glerston Tool Co., Inc.
508 College Ave.
Phone: 3-7191
443. Goff-Gott Corp.
P. O. Box 508
EL 9-1537
444. Hardinge Brothers
445. LeValley-McLeod, Inc.
215 E. Church St.
Phone: 6163
446. Rose, Kimball & Baxter, Inc.
311 Baldwin St.
Phone: 3-8115
447. Salzer, Robert
121 Railroad Ave.
RE 3-6625
448. Syracuse Bearing Co.
220 E. 14th St.
Phone: 3-9647
449. Welles Supply Co., Inc., The
380 W. First St.

ELMIRA HEIGHTS

450. B M T Manufacturing Corp.
110 E. Ninth St.
RE 4-8301
451. Neal Co., Inc., R. C.
161 E. 14th St.
P. O. Box 2068
RE 4-5168
452. Welles Supply Co., Inc., The
111 E. 14th St.
RE 3-6533

ENDWELL

453. Autolift Accessory & Engineering
3212 Watson Blvd.
EN 5-1498

381. Wilson, James E.
165 Crescent Ave. (14)
UN 2110
382. Winiewicz Hardware Co.
1069 Broadway (12)
BA 5546
383. Winters Engineering Co.
384. Worthington Corp.
205 Walbridge Bldg. (2)
385. Young & Swartz, Inc.
39 Cherry St. (4)
CL 2171
386. Zahm, Joseph S.
1897 Eggert Rd.
UN 7800

BURNT HILLS

387. Crane Packing Co.
Pine Wood Ct.
UP 3-8429

CAMBRIA HEIGHTS

388. Fineisen, A. R.
114-102 290th St.

CAMILLUS

389. Keystone Reamer & Tool Co.
One Munro Dr.
390. Macan, C. A.
One Munro Dr.
OR 2-2781
391. Resistoflex Corp.
105 Forrest Wy.
Orchard Village
HA 2-2283
392. Tri-Line Corp.
72 Richlee Dr.
HU 8-5335

CANADAIGUA

393. Barth, William
150 Park St.
CA 596
394. Smith, Robert C.
P. O. Box 12
CA 228

CENTRAL SQUARE

395. Industrial & Maintenance Supply Co.
P. O. Box 50, R. D. #2

CLARENCE

396. Beebe, G. D.
Salt Rd.
Phone: 6231

CLINTON

397. Hoare, Jr., Walter G.
Bristol Rd.

COLLEGE POINT

398. Divone, Frank
124-05 Fifth Ave. (56)

CORTLAND

399. Whatley, W. J.
East River Rd., R. D. #1
SK 6-9424

DELMAR

400. Tripoli Co., Inc., J. V.
DE 9-5326

DEPEW

401. Buffalo Die Supply Corp.
440 Terrace Blvd.
RE 6767 - 6768

DE WITT

402. Allis Co., The Louis
4455 E. Genesee St. (14)
GI 6-3290
403. Chubb, L. B.
102 Addison Dr.
404. Martin Sales Corp., C. L.
103 Pickwick Rd.
GI 6-2540

405. Mixer, Alvin
402 Brampton Dr. (14)
GI 6-1691
406. Murphy Co., A. J.
4455 E. Genesee St.
407. Verrillo Co., F. A.
102 Jamesville Rd.
GI 6-3611
408. Wulfetange, Jr., J. F.
4505 E. Genesee St. (14)
P. O. Box 93
GI 6-3336

DOBBS FERRY

409. Richardson, H. L.
110 Draper La.
DO 3-7834

DOUGLSTON

410. Parker-Hartford Corp., The
39-01 Douglaston Pkwy. (63)
BA 5-4700

EAST AMHERST

411. Horton, Charles T
Lapp Rd.
SP 8654

EAST AURORA

412. Denial, James
421 Linden Ave.
413. Komarek, Kent K.
116 Walnut St.
CY 6170
414. Summit Tool Co.
421 Linden Ave.
CY 6143

EAST ISLIP

415. Behan, Richard
116 Bayview Ave.
JU 1-0328

EAST MEADOW, (L.I.)

416. Mausner Equipment Co.
651 Pierce Pl.
IV 1-5677
417. National One, Inc.
660 Newbridge Rd.
SU 1-7802
418. Oberst, Charles
773 Buchanan Rd.
IV 9-2746
419. Ohio Crankshaft, The
158 Diamond Ave.
PE 5-6991

EAST ROCHESTER

420. Harwood Supply
607 W. Commercial St.
HI 5-0626

EAST ROCKAWAY

421. Bradley, John J.
477 Atlantic Ave., R. Is.
LY 3-6470
423. Caverno, C. Walter
477 Atlantic Ave.
LY 3-6470
423. Hering, Herman
477 Atlantic Ave.
LY 3-6470
424. Keenan, Charles
477 Atlantic Ave.
LY 3-6470
425. Swane, John & William J.
477 Atlantic Ave.
LY 3-6470

EAST SYRACUSE

426. Britton Machinery Sales, Inc., R. H.
3570 Burnet Ave.
HE 7-3529
427. Burkhard Brothers, Inc.
263 Wavel Ave.
Phone: 73-0287
428. Carrier Corp.
Court Street Rd.
HO 3-4536

SALES OFFICES

NEW YORK

FAR ROCKAWAY

454. Stangert Corp.
1321 McBride St. (91)
FA 7-0918

FAYETTEVILLE

455. Bescham, Howard F.
P. O. Box 145
NE 7-3223
456. Breuning, Fred H.
110 Cleveland Blvd.
NE 7-6410
457. Chambers Associates, R. D.
209 Churchill Ave.
NE 7-3340
458. Colson Corp., The
301 Dawley Rd.
SY 7-6945
459. Delco Products Div.
Salt Springs Rd.
GR 1-5119
460. Hetzler, M. A.
102 Hunt Dr.
NE 7-0297
461. International Chemical Co., Inc.
Woodchuck Hill Rd.
GI 6-1104
462. Meehan & Sons, William M.
E. Genesee St. at Edwards Dr.
GI 6-1250

FLUSHING

463. Ellanef Machine Tool Co.
97-11 50th St. (68)
DE 5-0700
464. Hirsh, Ernest D.
69-63 178th St. (65)
JA 3-5898
465. Majestic Machine & Tool
40-66 Lawrence St.
466. Petro-Chem Specialties Co.
Box 104 La Guardia Airport Station
NE 9-4581
467. Pratt & Whitney Co., Inc.
42-19 Main St. (55)
IN 1-6363
468. Richlin-Wolf & Co., Inc.
40-66 Lawrence St. (54)
LE 9-1091
469. Shell Oil Co.
41-70 Main St. (55)
HI 5-4000

FORT LEE

470. Lindgren, Frank
204 Main St.

FRANKLIN SQUARE

471. Klr, Andrew
1091 Rosegold St.

FREEPORT (L.I.)

472. S. I. R. Corp.
P. O. Box 390
MA 3-5580
473. Cavac Tool & Supply Co., Inc.
166 N. Main St.
474. Northrop, Edward D.
131 S. Brookside Ave.

GARDEN CITY

475. Aluminum Co. of America
876 Franklin Ave.
PI 7-5428
476. Fabish, William J.
92 Willow St.
477. Flesch, Peter
230 Roxbury Rd.
IV 6-2460
478. Hogan Industrial Supply Corp.
600 Commercial Ave. (L. I.)
PI 7-8460
479. Murphy, George V.
27 Roxbury Rd. (L. I.)
PI 6-7168

480. Rainville Co., Inc.
657 Franklin Ave. (L. I.)
PI 6-7135

481. Thomson, Harry M.
18 Chestnut St. (L. I.)
PI 1-2663

482. Williams, Norman
62 Brompton Rd. (L. I.)
PI 7-1315

GASPORT

483. Slate, Inc., Erwin A.
1 Maplewood Dr.
LO 3-3776

GENESEO

484. Elgin National Watch Co.
1 Groveland Rd.
GE 428

GLEN COVE

485. United Finishing Service
15 Shore Rd. (L. I.)
OR 6-6425

GLENDALE

486. Herrmann, Inc., Otto
6729 Myrtle Ave. (L. I.)
HE 3-1400
487. Tard Tool Co.
71-09 64th St.

GLEN HEAD

488. Brockway, Robert
5 Roslyn Dr.
GL 4-9416
489. Slater, D. W.
33 Radcliff Blvd. (L. I.)

GLENMONT

490. Esso Standard Oil Co.
River Rd.

GLEN FALLS

491. Northern Industrial Supply Co.
492. Sawyer & Co., J. E.
44 Glen St.

GREAT NECK

493. E. R. A., Inc.
340 Great Neck Rd. (L. I.)
HU 2-9326
494. Eders, Eugene
14 Spruce Pl. (L. I.)
HU 2-4686
495. Leeds Co., G. G.
12 Crampton La.
HU 2-7784
496. Morris Co., Herbert J.
36 Bellingham La.
MU 7-4277
497. Struas Co., S.
45 N. Station Plaza

HAMBURG

498. Cooper-Morgan, Inc.
P. O. Box 152
EM 3465
499. Hebert, Robert C.
80 Woodview Ave.
EM 1424
500. Low & Son, Fred H.
EM 2752
501. Raysor, Earl L.
170 Mt. Vernon Blvd.
FR 9632

HEMPSTEAD

502. Blumberg Supply Corp.
274 Front St. (L. I.)
IV 3-6000
503. Miller, Joseph
5 Centre St. (L. I.)
IV 3-1855
504. Oakland Supply Co.
736 Fulton Ave. (L. I.)
505. Vascoloy-Ramet Corp.
125 President St. (L. I.)
IV 3-3775

506. Vlaun, Jr., Daniel M.
60 Carman St. (L. I.)
IV 1-7328

HICKSVILLE

507. Garsch, Victor E.
82 Dartmouth Dr.
WE 1-2507
508. Tobiasen, J. E.
49 Fireplace La. (L. I.)
WE 5-9606

HILTON

509. Syntrol Buffalo Sales Co., Inc.
105 West Ave.
EX 2-2391

HOLCOMB

510. Sullivan, John J.
9 Main St.

HORSEHEADS

511. Goff Gott Corp.
Horseheads Industrial Center
512. Wetmore, William F.
R. F. D. #2, Middle Rd.

HUDSON

513. Vascoloy-Ramet Corp.
P. O. Box 245
Phone: 8-7710

HUNTINGTON

514. Barta, John
17 Brookside Dr. (L. I.)
HA 7-0950
- 514A Standard Sales Co.
198 New York Ave.

HUNTINGTON STATION

515. Barksdale Co.
16 Barclay St.
OL 9-1066
516. Dickman, Walter
P. O. Box 398
HA 7-6780
517. McDonough, James E.
11 Grayly Pl. (L. I.)
HA 7-4305
518. Mitchell, D. C.
1 Winoka Dr. (L. I.)
PL 1-2152
519. Waldick Engineering Co.
P. O. Box 398
HA 7-6780

HYDE PARK

520. Dorsey Gage Co., Inc.
Dorsey La.
GL 4-3111

ILION

521. Burrill Saw & Tool Works

ITHACA

522. National Welding
805 Taber St.

JAMAICA

523. Beacon Safety Products Co.
128-37 237th St.
Laurelton 22
524. Donnelly Co., Edward J.
89-31 161st St. (32)
JA 3-8500
525. Haas, Howard O.
P. O. Box 98 (19)
VI 7-4718
526. Hartsell, Gordon
168-36 88th Ave. (L. I.)
AX 7-6245
527. Industrial Bearing & Supply Co. of
Long Island Inc.
91-12 143rd St. (2)
JA 6-2658-6-2659
528. Witkin Tool & Mill Supply Co.
150-06 Liberty Ave. (33)
OL 7-4700

JAMESTOWN

529. Christofferson, R. B.
29 Spruce St.
Phone: 3-1790
530. Clark Hardware Co.
510 Crescent St.
Phone: 7-916
531. Gierston Tool Co., Inc.
131 Institute St.
Phone: 4126
532. Knoblock, John J.
127 Myrtle St.
533. Linquest Office Equipment Co.
219 Cherry St.
Phone: 4047
534. Lundquist Hardware Co.
2 S. Main St.
535. Marlin-Rockwell Corp.
402 Chandler St.
Phone: 61-541
536. Paasch Co., R. C.
19 Clifton Ave.
537. Ricketts & Sons, Warren
P. O. Box 150
538. Syracuse Bearing Co.
821 E. Second St.
Phone: 9-9200
539. Turcotte Mill Supply Co.
586 E. Second St., P. O. Box 555
Phone: 6-160-6-169
540. Web Machinery Co.
620 W. Eighth St.
Phone: 8935
541. Weldery Supply Co.
509 W. Third St.

JERICHO

- 541A Bogen, M. A.
19 Kay St.

JOHNSON CITY

542. Herlikofer, Harry
76 St. Charles St.
JO 7-3196

KENMORE

543. Berg, Inc., Stanley
2840 Delaware Ave. (17)
VI 2265
544. Brunton & Son, Inc., G. W.
2315 Elmwood Ave.
VI 0304
545. Burd, E. W.
42 Ivy Lda Rd. (23)
RI 0656
546. Chicago Rawhide Manufacturing Co.
2882 Delaware Ave.
DE 3770
547. Higley, James
352 Darlington Dr.
548. Keller Machinery Co.
210 Highland Pkwy. (23)
BE 5678
549. Kirkwood & Associates, Arch B.
75 S. Irving Ter. (23)
RI 3054
550. Markwardt, H. W.
P. O. Box 82 (17)
551. Munroe, Bradford
201 Dalton Dr. (23)
552. Podesta, Lee P.
220 Delaware Rd. (17)
553. R & S Tool & Gage Co., Inc.
241 Westchester Blvd. (17)
DE 4037
554. Rapistan of New York, Inc.
2548-50 Elmwood Ave. (17)
555. Schoenborn Abrasive Sales Co.
91 W. Grimsby Rd. (23)
RI 9223
556. Supreme Products Corp.
116 Irving Ter. (23)
DE 3-854

KINGSTON

557. Canfield Supply Co.
25-29 Dederick St.
FE 1-6700
558. King Corp., H. F.
Box 88

KINGS PARK

559. Kuas, C. T.
42 Rumford Rd. (L. I.)
AN 5-0995

LAKEWOOD

560. Onderdonk, Jr., Dudley
11 Webster Rd.

LARCHMONT

561. Blackmer, Waldo H.
Larchmont Acres
LA 2-4990
562. Union Carbide Plastics Co.
1877 Palmer Ave.
TK 4-0995

LATHAM

563. Day Co., Royce W.
478 Toy Schenectady Rd.
P. O. Box 757, Latham Cir.
ST 5-9840
564. Shako, Inc.
P. O. Box 966, Latham Cir.
ST 5-8597

LEVITTOWN

565. Balton, Richard
49 Stonecutter Rd. (L. I.)
WE 8-7673

LINDENHURST

566. Jondreau, F. X.
390 S. Greene Ave.
TU 8-8911
567. Long Island Machinery Sales Corp.
568 W. Hoffman Ave. (L. I.)
LI 5-3071

LIVERPOOL

568. Hub City Factory & Mill Supply Co.
Oswego Rd.
OL 2-5100
569. Lamb & Son, A. C.
570. Syntrol Syracuse Sales Co.
5 Yager Dr.
OL 2-5238

LIVONIA

571. Busch, Fred W.
53 W. Main St.

LOCKPORT

572. Matthews & Co.
62 John St.
MO 7812
573. Ward Brothers Mill Supply Co., Inc.
70-76 Market St.

LONG BEACH

574. Gore, Jerald
358 E. Walnut St. (L. I.)
GE 1-3493

LONG ISLAND CITY

575. Alemite Co.
11-25 45th Ave. (1)
576. Babcock Machinery Co., Inc.
25-02 Bridge Plaza, South (1)
ST 6-2444
577. Berman, Edward
34-50 24th St.
ST 6-3423
578. Biglow & Co., L. C.
24-24 Jackson Ave.
RA 9-8282
579. Bridgeport Brass Co.
48-49 33rd St.
580. Carbrases, Inc.
10-36 49th Ave.
RA 9-8487
581. Carter, Milchman & Frank, Inc.
28-10 37th Ave. (1)
582. Columbia International Corp.
10-35 44th Dr. (1)
ST 4-1546
583. Dany Machine Specialties, Inc.
47-28 37th St. (1)
RA 9-8080

NEW YORK

584. DeLuxe Equipment Co.
10-29 48th Ave. (1)
ST 4-2133
585. DoAll Eastern Co., Inc.
36-06 48th Ave. (1)
EX 2-4595
586. Empire State Hardware & Supply Corp.
26-27 Jackson Ave. (1)
ST 4-7680
587. Guthery Machine Tool Corp.
38-31 Crescent St. (1)
EX 2-4090
588. Hobart Welding Associates
33-01 37th Ave.
589. Hudson-Basic Machinery Corp.
25-20 43rd Ave.
EM 1-1700
590. Hyster Co.
10-10 Bridge Plaza, South (1)
RA 9-7212
591. J & J Tool & Supply Co.
39-23 Queens Blvd. (4)
ST 4-3471
592. Kaiser-Martini, Inc.
36-01 Vernon Blvd. (6)
ST 4-9371
593. Klainer, Theodore L.
28-50 37th St. (3)
RA 1-3468
594. Korfund Co., Inc., The
48-15 32nd Pl. (1)
RA 9-7580
595. Lincoln Lubr. Systems, Inc.
48-14 36th St.
RA 9-2629
596. Long Island Hardware Co., The
27-55 Jackson Ave. (1)
597. Magnetic Analysis Corp.
42-44 12th St. (1)
ST 4-7628
598. Mid Island Supply Co.
28-08 39th Ave. (1)
ST 4-8310
599. Milwaukee Electric Tool Corp.
35-12 Crescent St. (6)
EM 1-0330
600. Pneumatic Tool Sales & Repair Co., Inc.
14-29 33rd St.
601. Porter-Cable Machine Co.
23-56 Broadway
RA 1-3536
602. Regent Distributors
27-25 Jackson Ave. (1)
603. Sinclair Refining Co.
42-15 Crescent St.
604. Sun Oil Co.
33-02 11th St. (1)
ST 6-1230
605. Tek Bearing Co., Inc.
41-22 Greenpoint Ave.
EX 2-6116
606. Thomson Manufacturing Co., Judson L.
11-20 46th Rd.
ST 6-5726
607. Thor Power Tool Co.
32-34 Greenpoint Ave.
ST 6-5500
608. Travers Tool Co.
10-23 Jackson Ave. (1)
ST 6-5200
609. Triplex Machine Tool Corp.
25-18 43rd Ave. (1)
EM 1-1700
610. Vernon Machinery Corp.
44-17 Vernon Blvd. (1)
611. Wall Colmonoy Corp.
45-28 21st St.
ST 4-1230
612. Whaley Brothers, Inc.
11-11 31st Dr. (1)
613. Wilson Corp., W. S.
47-50 38th St.
EX 2-7575
614. Yale & Towne Manufacturing Co., The
49-39 Van Dam St.
EX 2-3300

SALES OFFICES

NEW YORK

LYNBROOK

615. Potter, Clyde H.
113 Edmund St. (L. I.)
LY 9-0108

MADISON

616. Russell, Holbrook & Henderson, Inc.
292 Madison Ave. (17)

MALVERN

617. Eberhard, Carlton
20 Home St. (L. I.)
LY 9-1046

MAMARONECK

618. Ex-Cell-O Corp.
1 Depot Plaza
OW 8-8100
619. Wimple Associates, Inc., S.
257 Mamaroneck Ave.
MA 9-7399

MANHASSET

620. Battle & Co., Inc., Joseph A.
47 Hillside Ave.
MA 7-1305
621. Hancock, C. W.
100 Plandome Rd. (L. I.)
MA 7-3532
622. Hirschmann Co., Carl
30 Park Ave.
623. Jack & Heintz, Inc.
399 Plandome Rd.
MA 7-7850
624. Sanson & Sons, Henry E.
39 Orchard St. (L. I.)
MA 7-1708

MANLIUS

625. Butler Co., Robert O.
Stonehedge Rd.
OV 2-2621
626. House of Tools, The
P. O. Box 127
627. Slatern, Reagle
106 Scoville Ave.

MARCELLUS

628. Schofield Tool Supply Co.
HA 2-0194

MASPETH

629. Ace Wholesale Hardware Co.
65-63 Grand Ave.
630. Chase Brass & Copper Co.
55-60 58th St. (L. I.) (78)
TW 4-0800
631. F. & G. Welding Supplies & Service
44-23 54th Ave. (78)
632. King & Malcolm Co., Inc.
57-10 Grand Ave. (78)
EV 6-4900

MASSAPEQUA

633. Chemline Co., The
40 Brooklyn Ave.
PY 8-1110
634. Levy, Martin A.
25 Oxford Ave.
635. Michigan Abrasive Co.
13 Walnut Pl. (L. I.)
LI 1-1279
636. Sheehan, Arthur
109 James St.

MASSENA

637. Avery Co., Inc., M. E.
6 Railroad St.

MERRICK

638. Hamann Supply Co., Inc.
1100 South Dr. (L. I.)
IV 3-9708
639. Krause Machinery Co.
P. O. Box 605 (L. I.)
FR 9-2100

MIDDLETOWN

640. Leensaarts, Jack
R. R. #4
641. Lufkin Rule Co., The
40 Mulberry St.

MINEOLA

642. Aaron Machinery Co., Inc.
260 E. Jericho Turnpike (L. I.)
PI 2-8660
643. Alina Corp.
122 E. Second St. (L. I.)
PI 7-5336
644. Barker Co., The
288 Old Country Rd. (L. I.)
PI 6-0481
645. General Tool & Supply Co.
99 Main St. (L. I.)
646. General Welding Supply Corp.
189 Third St.
647. Grable Co., H. G.
199 Willis Ave. (L. I.)
NO 3-1700
648. Long Island Industrial Supply Corp.
100 Herricks Rd. (L. I.)
PI 6-7333
649. Schweitzer, Ralph H.
P. O. Box 182
PI 7-6923

MONTEZUMA

650. Barton Co., H. R.
P. O. Box 82
PO 3661

MOUNT VERNON

651. Ace Welding Equipment Co.
1515 Bertel Ave.
652. Allied Precision Components Corp.
26 Park Ave.
MO 4-1194
653. Bellows Co., The
34 W. Broad St.
MO 8-6218
654. County Hardware Corp.
161 Gramatan Ave.
655. Halpern & Co., Inc., Wm.
481 E. Third St.
MO 4-6366
656. Harrington-Wilson-Daum Corp.
25 Beechwood Ave.
Phone: 4-0100
657. Harris-Ace Welding Equipment Co.,
Inc.
15 Bertel Ave.
658. Karlen Associates, Inc.
519 S. Fifth Ave.
MO 4-1111
659. National Automatic Tool Co., Inc.
35 Beechwood Ave.
MT 7-5200
660. Ohio Knife Co., The
22 W. First St.
MO 7-1816
661. Tri-Seco, Inc.
7 W. Broad St.
OW 9-4340

NANUET

662. Rockland Industrial Equipment Corp.
5 Old Middletown Rd.

NEDROW

663. Aro Equipment Corp.
R. D. #1
Hy 2-1400 (Syracuse)
664. Higgins, Ward F.
205 Thompson Rd.
HO 9-3897

NEWARK

665. Gilnes, W. Leslie
101 Prospect St.
DE 1-3333
666. Sinclair Refining Co.
33 Bloomfield Ave.

NEWBURCH

667. Anderson, Russell
68 Grand St.
NE 2-3942
668. Detrex Chemical Industries, Inc.
144 S. Water St.
Phone: 8280
669. Peterkin Welding Supply Co.
344 Liberty St.
Phone: 2003
670. Smith Co., W. L.
164 Broadway
Phone: 5220
671. Sun Oil Co.
River Rd.
NE 3040

NEW CITY

672. Muller, Robert A.
Route 304, R. F. D. 1
NE 4-3088

NEW HARTFORD

673. Hanson-Van Winkle-Munning Co.
8 Parkway Dr.
RA 4-5885
674. Ogden Supply Co.
Truck Rte. 5A
UT 6-5961

NEW HYDE PARK

675. Eaton Co., The
1300 Jericho Turnpike (L. I.)
GE 7-3889
676. Jericho Tool & Supply Co.
26 Jericho Turnpike
677. Moore Distributors, A. A.
2079 Hillside Ave. (L. I.)
678. Oliver & Klass, Inc.
121 Lakeville Rd. (L. I.)
FL 4-2216

NEW ROCHELLE

679. Eastern Carbide Corp.
2 Hamilton Ave.
Phone: 2-0630
680. Gates Co., Claude A.
27 Locust Ave.
NE 1465
681. Miller-Barber Associates, Inc.
272 North Ave., Room 1
P. O. Box 974
NE 2-8215

NEW YORK

682. Aaron Machinery Co., Inc.
245 Center St.
WA 5-8390
683. Abbey Materials Corp.
49 W. 27th St.
OR 9-3914
684. Abrams, Inc., Morris
90 Hudson St. (13)
CA 6-6900
685. Abrasive Sales Co.
132 Lafayette St. (13)
CA 6-1628
686. Acheson Colloids Co.
50 Church St. (7)
CO 7-2119
687. Ackerlind Steel Co., Inc.
392 W. Broadway (12)
WA 5-7978
688. Acme-Danneman Co., Inc.
45 W. 18th St. (11)
AL 5-7150
689. Acme Tool Corp.
71 W. Broadway (7)
CO 7-2114
690. Addison, J.
230 Park Ave. (17)
MU 6-8800
691. Ahrens, Inc., C. Raymond
30 Church St. (7)
692. Airborne Instruments Laboratory
8 W. 40th St. (18)
PE 6-8400
693. Aircraft International
1 W. 29th St.
LE 2-6944

NEW YORK

694. Air Reduction Co., Inc.
150 E. 42nd St. (17)
695. Airetool Manufacturing Co., The
50 Church St. (7)
BA 7-6655
696. Ajax Equipment & Electrical Co.
229 Centre St.
697. All Conductive Spray, Inc.
430 W. 54th St.
698. Allen-Bradley Co.
630 Third Ave. (17)
MU 2-6070
699. Allen Manufacturing Co.
30 Church St.
WO 4-6650
700. Allegheny Ludlum Steel Corp.
Socony Mobil Bldg. (17)
MU 2-0350
701. Allied Brush Co.
491 Broadway (12)
702. Allis-Chalmers Manufacturing Co.
100 Church St. (7)
HE 3-9100
703. Allis Co., The Louis
50 Church St. (7)
CO 7-3462
704. All-State Welding Alloy Co., Inc.
327 W. 57th St. (19)
JU 6-6306
705. Alpha Engineering Specialty Co.
15 Park Row (38)
WO 2-5123
706. Aluminum Co. of America
230 Park Ave. (17)
MU 6-8044
707. Alvey-Ferguson Co.
70 E. 45th St. (17)
MU 6-9295
708. American Brass Co., The
99 Park Ave. (16)
709. American Cystoscope Makers, Inc.
129 E. 78th St. (21)
710. American Felt Co.
350 Fifth Ave. (1)
CH 4-8768
711. American & Foreign Export & Import Co.
21 West St. (6)
BO 9-0898
712. American Instrument Co., Inc.
30 Church St.
CO 7-8374
713. American Machine & Foundry Co.
261 Madison Ave. (16)
MU 7-2100
714. American Machinery & Motor
22 Howard St. (13)
CA 6-4577
715. American Mill Supply Co.
176 Lafayette St.
WO 4-6388
716. American Pulley Co.
70 E. 45th St. (17)
MU 4-3543
717. American Rotary Tools Co.
44 Whitehall St. (4)
718. American Smelting and Refining Co.
120 Broadway (5)
RE 2-9500
719. American Steel Export Co., Inc.
347 Madison Ave. (17)
720. American Steel & Wire Div.
71 Broadway (6)
DI 4-9000
721. Amtec Corp.
30 Church St. (7)
WO 4-7154
722. Apex Industries, Inc.
366 Madison Ave. (17)
YU 6-9488
723. Archer-Daniels-Midland Co.
233 Broadway, 46th Flr. (7)
724. Argast, Frost & Grant, Inc.
50 Church St. (7)
CO 7-7560
- 724A. Armco Steel Corp.
Chrysler Bldg. (17)
725. Armstrong Cork Co.
295 Fifth Ave. (16)
726. Armstrong, Inc., J. Neill
535 5th Ave. (17)
OX 7-5171
727. Arrow-Hart & Hegeman Electric Co.
306 E. 39th St. (16)
MU 4-0767
728. Arrow Precision Tool & Supply Co.
758 Sixth Ave.
729. Aschheim & Son, Joseph H.
4670 Broadway (40)
730. Athol Machine & Foundry Co.
11 Warren St. (7)
WO 4-4255
731. Atlantic Hardware & Supply Corp.
96 Van Dam St. (13)
732. Atlantic Machinery Corp.
206 Centre St. (13)
CA 6-7957
733. Atlantic Transmission & Gear Sales
200 Lafayette St. (12)
WO 6-0144
734. Atwell Co., Charles
50 Church St. (7)
CO 7-5662
735. Atwood Associates, H. O.
222 W. 33rd St. (1)
736. Aurlima, Inc., Ad.
85 Broad (4)
BO 9-7750
737. B-Gray, Inc.
51 E. 42nd St. (17)
OX 7-1396
738. Babbitt's Hardware & Supply
3530-36 White Plains Ave. (67)
KI 7-5440
739. Bailey Tool & Supply Co.
53 Park Pl. (7)
740. Baitinger Electric Co.
76 Leonard St. (13)
741. Baldwin-Lima-Hamilton
111 Fifth Ave. (3)
OR 7-5030
742. Baldwin-McLean
19 W. 44th St.
743. Baker Industrial Trucks
260 11th Ave. (1)
CH 4-1110
744. Barth, Inc., Henry
321 E. 54th St. (22)
PL 9-4916
745. Bartholomaeus Enterprises, Inc.
50 Church St. (7)
WO 4-4983-4
746. Bass Co., Rudolf
45 Mercer St. (13)
WA 5-0440
747. Bausch & Lomb Optical Co.
730 Fifth Ave. (19)
CI 7-5400
748. Beam-Knodel Co.
195 Lafayette Ave. (12)
749. Bellows Co., The
70 E. 45th St. (17)
MU 4-6405
750. Berton Plastics, Inc.
78 Fifth Ave.
751. Beryllium Corp., The
475 Fifth Ave. (17)
MU 9-5974
752. Bethlehem Steel Co.
375 Park Ave. (22)
753. Bias Buff & Wheel Co.
260 Madison Ave. (16)
OR 9-2400
754. Biddle Purchasing Co.
280 Broadway (8)
WO 4-0500
755. Biglow & Co., Inc., L. C.
250 W. 54th St.
CO 5-4160
756. Blakeslee & Co., G. S.
381 Fourth Ave. (16)
MU 4-3835-6-7
757. Bobker Bearings, Inc.
282 Seventh Ave.
758. Bobrow-Lewell Associates
814 Broadway (3)
OR 4-4540
759. Boorom, A. W.
30 Church St. (7)
760. Botzow, Inc., H. E.
82 Beaver St. (5)
HA 7-4970
761. Bowser International, Inc.
420 Lexington Ave. (17)
LE 2-3440
762. Boyar-Schultz Corp.
223 Ave. "C" (9)
OR 3-4343
763. Brady, Inc., F. A.
505 Fifth Ave. (17)
764. Braeburn Alloy Steel Corp.
140 Cedar St. (6)
RE 2-3887
765. Brimo Co., Paul A.
17 John St. (38)
766. Bristol Brass Corp.
BA 7-8292
767. Brooks Carpenter
16 Metropolitan Oval (62)
768. Brooks & Perkins, Inc.
1708 Americas Bldg. (20)
CI 6-3540
769. Brown & Silver
813 Westchester Ave. (53)
770. Browne, William J.
320 Broadway (7)
BE 3-7970
771. Brownell Distributors
306 Canal St.
772. Browning Brothers, Inc.
1881 Park Ave. (35)
EN 9-4000
773. Brouwer Co., William H.
55 W. 42nd St.
774. Brubaker Tool Corp.
743 Fifth Ave. (22)
PL 5-1376
775. Bruce Charles Co., The
53 Park Pl. (7)
BA 7-0196
776. Brundage Supply Corp.
192 Front St. (38)
BO 9-2340
777. Buffalo Forge Co.
41 E. 42nd St. (17)
778. Cangro Transmission Co.
372 Broome St. (13)
WA 5-1355
779. Carbet, Inc.
155 E. 44th St. (13)
MU 2-4096
780. Card Div., S. W.
28-30 Park Pl. (7)
WO 2-0223
781. Carney & Howard Perkins Co., E. D.
74 Trinity Pl. (6)
782. Carpenter Steel Co.
551 Fifth Ave. (17)
OX 7-1033
783. Carrier Corp.
385 Madison Ave. (17)
PL 9-5000
784. Carter Milchman & Frank, Inc.
36 Hudson St. (13)
785. Carter & Co., R. K.
345 Broadway (13)
WO 2-1383
786. Cayne Equipment Corp., Albert H.
71 Spring St. (12)
CA 6-3317
787. Cedar-West Tool Co., Inc.
90 West St. (6)
RE 2-1520
788. Center Tool Co.
106-110 Lafayette St. (13)
CA 6-6323
789. Chain Belt Co.
19 Rector St. (6)
WH 3-6141
790. Champion Pneumatic Machinery Co.
39 Broadway (6)
DI 4-4703
791. Chern, V. A.
342 Madison Ave.
MU 7-0077

SALES OFFICES

NEW YORK

NEW YORK (cont.)

792. Chicago Pneumatic Tool Co.
6 E. 44th St. (17)
MU 7-1700
793. Chisholm-Moore Hoist Div.
1716 Grand Central Terminal (16)
MU 9-3058
794. Clark Controller Co., The
60 E. 42nd St. (17)
MU 2-1743
795. Clark Equipment Co.
712 11th Ave.
796. Clarkson & Foreman, Inc.
50 Church St. (7)
WO 2-2142
797. Cleveland Cap Screw Co., The
39 Park Pl. (7)
WO 2-2613
798. Cleveland Twist Drill Co., The
20 Thomas St. (7)
RE 2-4558
799. Clipper Diamond Tool Co., Inc.
345 Hudson St. (14)
CH 2-7143
800. Closter Brothers
220 Fifth Ave. (1)
801. Coleman Co., J. E.
342 Madison Ave. (17)
MU 7-2154
802. Colonial Hardware Co.
48 Warren St. (7)
DI 9-4750
803. Colson Corp., The
215 Fourth Ave. (3)
GR 5-1960
804. Columbia Cutlery Corp.
225 Lafayette St. (12)
CA 6-6007
805. Corie Engineering Co.
Woolworth Bldg.
233 Broadway (7)
BA 7-5354
806. Cosmo Tool Co.
433 E. 75th St.
MU 2-6770
807. Cremonin, J. V.
21 State St. (4)
WH 4-7359
808. Cripps, A. E.
30 E. 60th St., Suite 1107 (22)
PL 3-4587
809. Cross, Inc., Leo J.
90 West St. (6)
BA 7-1772
810. Curtis Manufacturing Co.
30 Vesey St. (7)
CO 7-2818
811. Dabbs, Joe
250 W. 57th St. (19)
812. Defiance Sales Corp.
370 Lexington Ave. (17)
813. Dessau, Inc., Harold
25 Murray St. (7)
CO 7-8903
814. Detmer, Bruner & Mason, Inc.
229 Fourth Ave. (3)
815. Dever & Edds, Inc.
60 King St. (14)
816. Dewitt Equipment Corp.
136 LaFayette St. (13)
817. DeWitt Brothers Tool Co., Inc.
237 Lafayette St. (12)
CA 6-6640
818. Diehl Manufacturing Co.
95 Liberty St. (8)
DI 9-1222
819. Dienst Co., Inc., A. P.
Northeast Cor. 140th and Third Ave.
820. Dierckx Distributors, Inc., Jules
70 Duane St. (7)
BA 7-3548
821. Dietzgen Co., Eugene
218 E. 23rd St. (10)
MU 9-1040
822. Dirkes, R. S.
441 Lexington Ave. (17)
YU 6-6290
823. Diston Div.
300 Park Ave.
MU 8-8350
824. Dodge Manufacturing Corp.
270 Madison Ave., Room 1401 (16)
OR 9-6096
825. Dorsey Gage Co., Inc.
826. Dougherty, Inc., Vincent P.
12 Beach St. (13)
WO 6-4140
827. Dow Chemical Co., The
45 Rockefeller Plaza (20)
PL 7-8300
828. Dow Corning Corp.
600 Fifth Ave. (20)
JU 6-7290
829. Dunn & Bryan
28 Warren St. (7)
830. Durez Plastics Div.
60 E. 42nd St. (17)
MU 2-2500
831. Duthie, Jonathan B.
259 W. 30th St. (1)
WI 7-5451
832. Dynatrol, Inc.
95 Liberty St. (8)
WO 4-1258
833. Eastern Abrasives, Inc.
94 Reade St. (13)
BA 7-9164
834. Eastern Machine and Tool Co.
170 Broadway
835. Eastern Railway Supplies, Inc.
110 E. 42nd St. (17)
OX 7-3550
836. Eastern Tool & Supply
149 Grand St. (13)
CA 6-3749
837. Eastern Tool Wholesale Co.
575 11th Ave. (36)
BR 9-0091
838. Eaton Manufacturing Co.
420 Lexington Ave. (17)
MU 3-2182
839. Economy Engineering Co.
342 Madison Ave. (17)
MU 2-8940
840. Edge-Rite Tool Co.
250 E. 43rd St. (17)
MU 6-0260
841. Edgeworth Hardware & Supply Corp.
53 Park Pl. (7)
RE 2-0977
842. Eisenberg, Nathan
95 Eighth Ave.
843. Electro-Alloys Div.
530 Fifth Ave. (38)
OX 7-7000
844. Electro-Tech Equipment Co.
308 Canal St.
WO 6-2350
845. Elgin National Watch Co.
630 Fifth Ave. (20)
CI 6-1970
846. Empire Electroplating Supplies Corp.
69 Murray St. (7)
847. Essex Welding Equipment Co.
11 Broadway
848. Eustis, H. M.
12 E. 41st St. (17)
LE 2-1472
849. Exact Weight Scale Co., The
44 E. 23rd St. (10)
AL 4-1828
850. F. P. M. Industries Corp.
610 Fifth Ave. (20)
851. Fairbanks Co., The
393 Lafayette St. (3)
SP 7-8800
852. Fairbanks, Morse & Co.
230 Park Ave.
MU 3-2540
853. Famco Machine Co.
401 Broadway (13)
854. Federal Hardware Corp.
53 Park Pl. (7)
WO 4-7663
855. Federal Machinery Co.
134 Grand St. (13)
CA 6-3022
856. Fehlinger Co., Inc., John N.
3 Beekman St. (38)
RE 3-5656
857. Felters Co., The
1803 Empire State Bldg. (1)
LA 4-2200
858. Fenchurch Export Corp.
67 Broad St. (4)
859. Feuer & Co.
1150 Broadway
MU 3-9435
860. Fisher Scientific Co.
633-635 Greenwich St. (14)
861. Fisher Tool Co.
239 W. 18th St.
862. Forel Equipment Corp.
30 Church St. (7)
863. Frankel, Herbert A.
507 Fifth Ave.
MU 2-2444
864. Franklin Hardware Co.
50-52 Franklin St. (13)
WO 2-4965
865. Frazier & Co., Inc.
50 Church St. (7)
RE 3-7070
866. Frey Co., Inc., The
23 Warren St. (7)
RE 2-0788
867. Gale Engineering Co.
136 Liberty St. (6)
RE 2-1105
868. Galvin Tool Sales Co.
224 E. 38th St. (16)
MU 7-6160
869. Gamzon Brothers
15 W. 47th St. (36)
PL 7-2858
870. Gardner-Denver Co.
233 Broadway-Woolworth Bldg. (7)
BA 7-6230
871. Garlock Packing Co., The
114 Liberty St. (6)
BA 7-1123
872. Garrett Co., Inc., George K.
250 W. 57th St. (19)
CI 5-8759
873. General Chain & Belt Co.
292 Lafayette St. (12)
DI 9-4160
874. General Electric Co.
570 Lexington Ave. (22)
PL 1-1311
875. Geometric-Horton
32 Worth St. (13)
BA 7-1929
876. George Equipment Co.
224 E. 38th St. (16)
877. Gerard-Kluydens Co.
295 Fifth Ave. (16)
MU 5-5710
878. Gerard Machine Co.
30 Rockefeller Plaza, Suite 1928 (20)
879. Gessewein & Co., Paul H.
35 Maiden La. (38)
880. Gibson, George E.
1 E. 42nd St. (17)
MU 7-1240
881. Giebel, Inc.
250 W. 57th St. (19)
CO 5-1437
882. Gilbert-Tucker Associates
130 W. 42nd St. (36)
883. Gleason and Co., Inc., Joseph F.
148 Chambers St. (7)
884. Gokeler & Co.
220 W. 42nd St. (36)
885. Gold, Inc., Louis J.
108 W. 25th St. (1)
886. Gordon Co., James T.
233 Broadway (7)
BA 7-1776
887. Goulding, M. M.
12 Warren St. (7)
DI 9-1026
888. Graham Machine Tool Co.
19 Cleveland Pl. (12)
WO 4-8124
889. Grand Tool & Supply Co.
176 Grand St. (13)

SALES OFFICES

NEW YORK

890. Grant, Leopold M.
P. O. Box 73, Kingsbridge Station (63)
KI 6-3760
891. Gray Motor & Tool Co.
193 Lafayette St. (13)
892. Green Co., Oliver J.
258 Broadway (7)
BA 7-9513
893. Greene, Harry
185 Madison Ave., Room 1201
MU 6-6574
894. Greenfield Tap & Die Corp.
32 Worth St. (13)
BA 7-1925
895. Greiner Co., The Emil
30-26 N. Moore St. (13)
896. Guarantee Specialty Co.
60 Lispenard St. (13)
897. Gulf Oil Corp.
17 Battery Pl. (4)
BO 9-5400
898. Harnos Co.
332 W. 21st St. (11)
OR 5-9355-6
899. Hammel Riglander & Co.
395 Fourth Ave.
LE 2-2530
900. Handy & Harman
82 Fulton St. (38)
HE 3-2460
901. Hansen & Yorke Co., Inc.
86-88-90 Warren St. (7)
HE 3-6000
902. Hardinge Brothers, Inc.
269 Lafayette St. (12)
WA 5-9677
903. Hardman Co., Paul
186 Grant St. (12)
WO 4-7184
904. Harnischfeger Corp.
Hudson Terminal Bldg., Room 730 (7)
RE 3-0460
905. Haynes Stellite Co.
30 E. 42nd St. (17)
MU 7-8000
906. Helicoid Gage Div.
230 Park Ave. (17)
907. Heller, George
97 Warren St. (7)
BA 7-2470
908. Henricks Co., A. P.
78 Reade St. (7)
RE 2-9629
909. Henry Valve Co.
70 E. 45th St. (17)
MU 4-2213
910. Herman Machine & Tool Co.
712-714 Third Ave. at 45th St.
911. Holtzer-Cabot Div.
420 Lexington Ave. (17)
LE 2-8532
912. Home Craftman, The
115 Worth St. (13)
913. Honolulu Iron Works
165 Broadway (6)
CO 7-7770
914. Horn Co., Harold
70 E. 45th St. (17)
MU 6-5591
915. Houghton & Co., E. F.
55 W. 42nd St. (36)
LO 4-4257
916. Hubbard & Co., Charles
90 West St. (6)
BA 7-1772
917. Hummel Technical Products
90 W. State St. (6)
BA 7-6630
918. Hunts Point Supply Co.
917-921 Southern Blvd. (59)
919. Huyette Co., Inc., Paul B.
205 E. 42nd St. (17)
MU 4-7112
920. IBM Corp.
122 E. 42nd St. (17)
OX 7-4940
921. I-T-E Circuit Breaker
233 Broadway (7)
BA 7-5670
922. Ideal Industries, Inc.
366 Broadway (13)
CO 7-6013
923. Industrial Electric Motor & Tool Co.
110 Lafayette St. (13)
924. Industrial Fasteners
502 W. 30th St. (1)
925. Industrial Models, Inc.
259 W. 30th St. (1)
WI 7-5451
926. Inland Steel Co.
230 Park Ave. (17)
MU 6-7250-6-7252
927. Interstate Hardware
66 Thomas St.
928. Jadov, Inc., B.
860 Broadway (3)
GR 5-4450
929. Jay Tool & Supply Co.
395 Broadway (13)
WO 6-0086
930. Jelco Finishing Equipment Co.
153 E. 26th St.
LE 2-3055
931. Jelenko & Co., Inc., J. F.
134 W. 52nd St. (19)
932. Jessop Steel Co.
405 Lexington Ave.
OX 7-9420
933. Johnson Bronze Co.
244 W. 65th St. (23)
TR 4-1400
934. Johnson Co., R.
50 Church St. (7)
BE 3-7390
935. Jones & Lamson Machine Co.
30 Rockefeller Plaza (20)
CI 7-5416
936. Jones & Laughlin Steel Corp.
405 Lexington Ave. (17)
YU 6-6600
937. Kaiser Aluminum & Chemical Sales, Inc.
300 Park Ave. (22)
PL 9-1100
938. Kambro Hardware & Paint Corp.
1186 Sixth Ave. (36)
939. Kass Hardware & Supply Co., Inc.
443 E. Tremont Ave. (57)
CY 9-0050
940. Kennedy Co., William D.
190 Chambers St. (7)
CO 7-1962
941. Kern & Co., Inc., J. F.
421 Seventh Ave. (1)
LO 5-0827
942. Kessler Co., D. E.
23 Leonard St. (13)
943. Keystone Bolt & Nut Corp.
125 Church St. (7)
WO 4-4600
944. Keystone Reamer & Tool Co.
17 W. 60th St. (23)
945. King & Shepherd, Inc.
50 Church St. (7)
CO 7-1456
946. Kirk Machinery Corp.
331 Madison Ave.
947. Kleer-Flo Co., The
250 W. 57th St. (19)
CI 6-5941
948. Krengel Manufacturing Co., Inc.
227 Fulton St. (7)
949. Lake Erie Machinery Corp.
250 Park Ave. (17)
YU 6-7123
950. Lamb & Co., Inc., Robert D.
370 Lexington Ave. (17)
MU 3-6135
951. Landres, Arnold G.
17 W. 60th St. (23)
CO 5-3493
952. La Salle Steel Co.
405 Lexington Ave. (17)
MU 7-4672
953. Leeds & Northrup Co.
711 Third Ave. (17)
MU 7-4123
954. Lemkin & Son, Inc., S.
172 Centre St. (13)
CA 5-0200-6-0201
955. Leonard Industrial Supply Corp.
60 Lispenard St. (13)
956. Le Roi Div.
45 Rockefeller Plaza (20)
JU 6-2300
957. Lewis Supply Co., Inc.
98-100 Chambers St.
958. Lima Electric Motor Co., Inc., The
50 Church St. (7)
BA 7-2655
959. Lindberg Engineering Co.
420 Lexington Ave. (17)
OR 9-8750
960. Litter Co., Inc., D. H.
116 E. 16th St. (3)
SP 7-4410
961. Loewenthal, Fred
651 W. 171st St.
WA 8-8033
962. Loma Machine Manufacturing Co., Inc.
114 E. 32nd St. (16)
MU 5-6410
963. Lord Manufacturing Co.
630 Fifth Ave. (20)
Rockefeller Center
CI 7-3226
964. Lowrie, George E.
92 Liberty St., Room 703
RE 2-3633
965. Lukens Steel Co.
233 Broadway (7)
RE 2-1324
- 965A. Lyon Metal Products, Inc.
92 Liberty St. (9)
966. MacCoy Sales Co.
14 Warren St. (7)
BA 7-3160
967. Machine Affiliates, Inc.
485 Fifth Ave. (17)
968. Machinery & Machine Supplies Co., Inc.
305 E. 47th St. (17)
PL 8-0745
969. MacLane Hardware Co.
25 Warren St. (7)
970. McKay Co., The
30 Church St.
RE 2-5318
971. Madison Tool & Equipment
509-11 Hudson St. (14)
WA 9-0285
972. Magnaflex Corp.
25 W. 43rd St. (36)
973. Mahon Co., R. C. The
420 Lexington Ave. (17)
LE 2-7588
974. Manhattan Marine
116 Chambers St.
975. Manhattan Sales Co.
250 Fulton St.
WO 2-3352
976. Manning, Maxwell & Moore, Inc.
405 Lexington Ave. (17)
977. Manson Tool & Supply Co., Inc.
225 Lafayette St. (12)
WA 5-8156
978. Marathon Electric Manufacturing Corp.
431 Fifth Ave. (16)
MU 5-3322
979. Maratrop Trading Corp.
Pier 2, N. River (4)
980. Marlin-Rockwell Corp.
40 W. 63rd St. (23)
JU 4-4653
981. Markem Machine Agency, Inc.
9 Rockefeller Plaza
JU 6-3926
982. Marshall Co., G. L.
30 Church St. (7)
CO 7-2563
983. Masback Hardware Co.
330 Hudson St.
984. Mercer Rubber Co.
66 Reade St.
BA 7-4349

SALES OFFICES

NEW YORK

NEW YORK (cont.)

985. Metallizing Co. of America, Inc.
431 E. 75th St. (21)
RH 4-6050
986. Metro Hardware Co.
150 Greenwich St.
987. Mid-West Abrasive Co.
5 W. 76th St.
988. Miller-Charles & Co.
202 Lafayette St. (12)
989. Miller Co., The
33 W. 42nd St. (36)
990. Miller, Joseph
11 Broadway (4)
WH 4-5892
991. Millers Falls Co.
28 Warren St.
992. Milne & Co., Inc., A.
68 W. 44th St. (36)
OX 7-1537
993. Mitsubishi International Sales, Ltd.
120 Broadway St.
DI 9-3700
994. Modern Suppliers, Inc.
1090 Leggett Ave. (59)
995. Molleneuer, W. E.
50 Church St.
WO 2-7438
996. Monogram Products Co.
401 Broadway (13)
DI 9-0930
997. Moore, A. A.
111 Leroy St. (14)
998. Moore Products Co.
51 E. 42nd St. (17)
MU 7-7985
999. Morey Machinery Co., Inc.
283 Lafayette St. (3)
AL 4-8560
1000. Morey Sales Corp.
401 Broadway (13)
CA 6-7586
1001. Morse Twist Drill & Machinery Co.
37 Park Pl. (7)
WO 4-4885
1002. Morsten Tool Co.
19 Warren St. (7)
1003. Morton Machine Works
743 Fifth Ave. (22)
PL 5-1376
1004. Motley & Co., Inc., James M.
11 Park Pl. (7)
BA 7-2107
1005. Munning & Munning, Inc.
233 Broadway
WO 4-4943
1006. Murray Hill Hardware Co., Inc.
694 Third Ave. (17)
1007. Nathan, Inc., Jack
590 West End Ave. (24)
1008. National Screw & Manufacturing Co.
149 Broadway (6)
BA 7-6750
1009. National Hardware & Equipment
427 W. 42nd St. (36)
LO 3-4800
1010. Neal & Brinker Co.
28 Warren St. (7)
WO 2-6946
1011. Nelson Stud Welding
516 Fifth Ave. (36)
OX 7-1949
1012. New Era Hardware and Supply Co.
839 Ninth Ave. at 55th St. (19)
1013. New Departure Div.
1775 Broadway (19)
CI 6-1540
1014. New York & New Jersey Lubricant Co.
292 Madison Ave. (17)
LE 2-2831
1015. New York Tramrail Co.
1040 Home St. (59)
1016. New York Welding Supply Co.
72 Grand St.
CA 6-5063
1017. Niagara Machine & Tool Works
50 Church St., Room 1373 (7)
CO 7-4614
1018. Oakite Products, Inc.
19 Rector St. (8)
WH 3-0940
1019. Ohio Seamless Tube Div.
70 E. 45th St., Room 5629
MU 6-3689
1020. Oliver Brothers, Inc.
421 Canal St. (13)
1021. Oliver Machinery Co.
50 Church St. (7)
BE 3-6540
1022. Osborn Manufacturing Co., The
60 E. 42nd St. (17)
MU 2-1185
1023. Overseas Export Corp.
250 W. 57th St. (19)
PL 7-6290
1024. Oxalid Branch Office
405 Hudson St. (14)
AL 5-2890
1025. Packard Co., Inc., E. B.
139-41 Cedar St. (8)
1026. Palmer, Murray B.
250 Fort Washington Ave.
1027. Pantex Manufacturing Corp.
225 Broadway
BE 3-6136
1028. Patron Transmission Co., Inc.
129 Grand St. (13)
CA 6-1140
1029. Patterson Brothers, Inc.
15 Park Row (7)
1030. Pennwell Oil & Belting Co., Inc.
409 Lafayette St. (3)
1031. Pensco Products Co.
527 Lexington Ave.
PL 3-1022
1032. Peterson Brothers
85 Walker St. (13)
1033. Polymer Corp. of Pennsylvania, The
168 Ninth Ave. (11)
WA 9-7901
1034. Popp, Henry
12 E. 41st St. (17)
LE 2-1472
1035. Price Associates, Inc., R. K.
509 Madison Ave. (22)
MU 8-7687
1036. Printz Co., William
354 Fifth Ave.
WI 7-7764
1037. Proctor Co., C. D.
30 Church St. (7)
WO 2-2488
1038. Products Machine Co.
197 Lafayette St. (12)
WO 6-5450
1039. Progressive Welder Sales Co. of New
England
342 Madison Ave. (17)
MU 7-0077
1040. Pyramid Tool Supply Co.
76 Reade St. (7)
BE 3-5920-3-5921
1041. Quality Control Corp.
401 Broadway (13)
1042. Queller Hardware Co.
129 Lafayette St. (13)
1043. Randall Manufacturing Co.
810 Edgewater Rd. (59)
DA 3-3900
1044. Rao, Leo
1737 Pilgrim Ave.
1045. Reed-Prentice Div.
420 Lexington Ave. (17)
LE 2-5979
1047. Reeves Pulley Co.
155 E. 44th St. (17)
OX 7-7373
1047. Reliance Electric and Engineering Co.
155 E. 44th St. (17)
OX 7-7373
1048. Remington Arms Co., Inc.
350 Fifth Ave. (1)
LO 3-6431
1049. Republic Steel Corp.
41st Flr., Chrysler Bldg. (17)
OX 7-9500
1050. Reynolds Metals Co.
19 E. 47th St. (17)
EL 5-7700
1051. Rhoads & Sons, J. E.
32 Beekman St. (38)
BE 3-4466
1052. Richards & Hirschfeld, Inc.
30 Church St. (7)
1053. Robbins & Bendror Co.
220 Fifth Ave., Suite 909
1054. Robbins & Myers, Inc.
57 Murray St. (7)
BE 3-0331
1055. Roberts, A. Perry
Woolworth Bldg. (7)
BA 7-1245
1056. Roberts, Peter V.
60 E. 42nd St. (17)
MU 2-2251
1057. Robinson Co., Inc., William
165 Broadway, Room 2508 (6)
CO 7-4985
1058. Roche International Corp.
13 E. 40th St. (16)
MU 9-0200
1059. Rose Associates, L. G.
30 Church St. (7)
BA 7-2171
1060. Rotary Lift Export Corp.
29 Broadway (6)
1061. Roto-Finish Co.
415 E. 64th St.
1062. Rudel Machinery Co., Inc.
100 E. 42nd St. (17)
OX 7-2650
1063. Russell, Holbrook & Henderson, Inc.
292 Madison Ave. (17)
MU 5-3494
1064. Sabal-Kielman, Inc.
15 William St. (3)
BO 9-6323
1065. Sabin-St. Germain & Associates, Inc.
420 Lexington Ave. (17)
OR 9-7130
1066. Sampson Machine Tool
103 Lafayette St.
1067. Sands, Leonard
30 E. 62nd St. (21)
TE 2-9770
1068. Schanzer, Tibor
226 W. 70th St. (23)
1069. Scherr Co., Inc., George
200 Lafayette St. (12)
CA 6-3512
1070. Schill, Edward Franklin
136 Liberty St. (6)
1071. Schramm, Inc.
90 West St. (6)
CO 7-0640
1072. Schwarz & Co., Bert
1230 Jerome Ave. (32)
1073. Sciaky Brothers, Inc.
1775 Broadway (19)
CI 6-7740
1074. Seeboard Tool Co.
254 W. 31st St. (1)
LA 4-6749
1075. Seager Standard Carbon Co.
291 Church St. (13)
WA 5-1125
1076. Selas Corp., of America
Room 703, Chrysler Bldg. (17)
YU 6-9654
1077. Sexauer Manufacturing Co., J. A.
2503 Third Ave.
1078. Sharon Steel Corp.
500 Fifth Ave. (36)
1079. Shell Chemical Corp.
415 Madison Ave. (17)
OX 7-3311
1080. Sheppard, Stanley
30 Church St. (7)
BE 3-5970
1081. Shettler, O. H.
230 Park Ave. (17)
MU 6-8800
1082. Shoemaker & Sons
Empire State Bldg. (1)
1083. Shor Co., Inc., I.
64 W. 48th St. (36)
PL 7-1870

NEW YORK

1084. Shur, Inc., Max
163-167 Grand St. (13)
1085. Simplex Industrial Corp.
61 Broadway
BO 9-8700
1086. Sid Tool Co.
164 Lafayette St. (13)
BE 3-4270
1087. Silcox Associates, Inc.
70 Pine St. (5)
WH 3-6180
1088. Silvers Machinery Co., The
441 Lexington Ave. (17)
MU 7-2489
1089. Simmons Machine Tool Corp.
50 E. 42nd St. (17)
MU 2-3941
1090. Sinclair Refining Co.
155 E. 44th St. (17)
1091. Skil Corp.
2810 Park Ave. (51)
LU 5-6760
1092. Smith Carbonic & Oxygen Co.
421 E. 75th St. (21)
1093. Smith, Howard F.
239 W. 14th St. (11)
CH 2-2398
1094. Snap-on Tools Corp.
2807 White Plains Rd. (67)
TU 2-6868
1095. Socony Mobil Oil Co., Inc.
50 W. 44th St. (36)
1096. Solo-Horton Brush Co.
940 Eighth Ave. (18)
1097. Sol Tool Co.
126 Lafayette St.
WA 5-0923
1098. South Chester Corp.
69 Dey St. (7)
WO 4-3439
1099. Spencer, J. W.
30 Church St. (7)
1100. Spiro Enterprises
487 Broadway
CA 6-6173
1101. Standard Conveyor Co.
101 W. 31st St., Room 2304 (1)
LO 3-4660
1102. Standard Tool Co.
507 Fifth Ave.
1103. Starrett Co., L. S. The
53 Park Pl. (7)
BA 7-5224
1104. States Trading Co.
401 Broadway (13)
WO 2-4872
1105. Steinman Co., Ben
114 W. 30th St. (1)
LA 4-3529
1106. Sterling Electric Motors, Inc.
6 E. 45th St. (17)
OX 7-1050
1107. Stokvis & Sons, R. S.
17 Battery Pl.
1108. Sullebarger Co., E. T.
114 Liberty St. (6)
1109. Sun Oil Co.
420 Lexington Ave. (17)
LE 2-9200
1110. Superior Supply Co.
112 E. 23rd St. (10)
1111. Supreme Products Corp.
380 Madison Ave. (17)
OX 7-3039
1112. Supreme Products Corp.
149 Church St.
CO 7-0211
1113. Surplus, Dunn & Appleyard
37 Leonard St. (13)
BA 7-4770
1114. Syntrol New York Sales Co., Inc.
1860 Broadway, Room 408 (23)
JU 6-1507
1115. Taft-Peirce Manufacturing Co., The
5301 Woolworth Bldg. (7)
CO 7-7228
1116. Takahashi & Co., Inc., C. T.
52 Broadway (4)
WH 4-2642
1117. Tek Bearing Co.
177 Lafayette St. (13)
BA 7-9152
1118. Teltech International Corp.
431 Fifth Ave. (16)
MU 3-2400
1119. Thatcher, John E.
50 Church St. (7)
CO 7-4429
1120. Thor Power Tool Co.
250 W. 57th St. (19)
CI 6-1232
1121. Timken Roller Bearing Co., The
150 Broadway (38)
WO 2-1890
1122. Topping Brothers
159 Varwick St. (13)
AL 5-4400
1123. Torrington Co., The
111 Eighth Ave. (11)
OR 3-0850
1124. Tracy, Inc., Frank
202 Centre St.
CA 6-3500
1125. Transmission Equipment Co.
441 Lexington Ave. (47)
MU 2-1848
1126. Triplex Machine Tool Co.
75 West St. (6)
1127. Tubular Rivet & Stud Co.
11 Park Pl. (7)
WO 2-3553
1128. Union Carbide Plastics Co.
30 E. 42nd St. (17)
MU 7-8099
1129. Union Twist Drill Co.
28-30 Park Pl. (7)
WO 2-0223
1130. United Services
342 Madison Ave. (17)
OX 7-0087
1131. United States Electrical Motors, Inc.
90 West St., Room 708 (6)
RE 2-1720
1132. United States Grinding Wheel
180 Lafayette St.
CA 6-2892
1133. United States Steel Export
30 Church St. (8)
1134. United Tool & Cutter Corp.
209 Hester St.
1135. Universal-Cyclops Steel Corp.
WO 4-1970
1136. Universal Transportation Co.
345 Hudson St. (14)
1137. Valvoline Oil Co.
150 Broadway (38)
RE 2-3450
1138. Vanadium-Alloys Steel Co.
270 Madison Ave. (18)
MU 3-5370
- 1138A. Van Canagar, James P.
30 Church St., Room #312E
1139. Vandyck Churchill Co.
92 Liberty St. (6)
BA 7-0933
1140. Van Kraay Co., E.
17 State St. (4)
1141. Vateo Engineering Co.
150 Broadway (38)
WO 2-7805
1142. Veeder-Root, Inc.
1775 Broadway (19)
CI 7-2006-7-2067
1143. Veselak Co., Inc., The
30 Church St. (7)
CO 7-5573
1144. Veteran Tool & Supply Co.
183 Grand St. (13)
WO 4-5867-8
1145. Victor Machinery Exchange, Inc.
251 Centre St. (13)
CA 6-5375
1146. Viking Pump Co. of New York
634 W. 44th St. (36)
LO 3-3816
1147. Vincent Co., Arthur J.
401 Broadway, Room 912 (13)
WA 5-6207
1148. Wallace Machine Tool Co.
50 Church St.
BE 3-6545
1149. Warner & Co., Inc., George W.
252 Lafayette St. (12)
WO 6-1600
1150. Webb Co., Jervis B.
237 First Ave., Room 304 (3)
GR 5-7510
1151. Webster Manufacturing, Inc.
90 West St. (6)
BA 7-3142
1152. Well Co., Fred J.
105 Lafayette St.
1153. Weiler, E. W.
17 W. 54th St. (19)
1154. Weinstock Brothers, Inc.
384 Third Ave. Near 28th St.
1155. Weirton Steel Co.
405 Lexington Ave. (17)
OX 7-7800
1156. Weiss, George & Whechsler, Louis
120 Liberty St. (6)
CO 7-5104
1157. Weiss & Co., H.
113 Mercer St. (12)
CA 6-4256-57
1158. Weiss, William W.
1780 Broadway (19)
CI 6-5777
1159. Wells Sales Co., Inc., J. G.
267 Lafayette St. (12)
CA 6-0856
1160. Weis, B.
20 Van Dam St. (13)
CH 2-0105
1161. West End Hardware & Supply
353 W. 48th St. (36)
1162. Westinghouse Air Brake Co.
45 Rockefeller Plaza (20)
JU 6-2300
1163. Whitehead Metals, Inc.
303 W. Tenth St. (14)
WA 4-1500
1164. Whittemarsh Corp., The
39 Broadway (6)
1165. Whiting Corp.
30 Church St. (7)
RE 2-9555
1166. Whitlock Corp., H. C.
205 W. 34th St. (1)
LA 4-4168
1167. Whitman & Barnes
165 Church St. (7)
WO 2-1848
1168. Wholesale Hardware Co., Inc.
761 Tenth Ave. (19)
1169. Wiener Machinery Co.
216 Lafayette St.
CA 6-2088
1170. Will Corp. of New York, Inc.
Box 23, Highbridge Station (52)
1171. Williams Export Corp., John D.
75 West St. (6)
BO 9-8840
1172. Williams & Co., J. H.
32 Worth St. (13)
BE 3-5760
1173. Winchester International Div.
745 Fifth Ave. (22)
1174. Wolf's Sons, S.
771 Ninth Ave.
1175. Worthington Corp.
99 Park Ave. (16)
1176. Wright Holst Div.
230 Park Ave. (17)
MU 6-8800
1177. Zeiger, H. B.
369 Lexington Ave. (17)
MU 3-6137
1178. Ziesel Machinery Co.
208 Centre St. (13)

NIAGARA FALLS

1179. Carborundum Co., The
Buffalo Ave. at Portage Rd.
BU 5-6631
1180. Eiderfeld Corp.
425 First St.
Phone: 8484

SALES OFFICES

NEW YORK

NIAGARA FALLS (cont.)

- 1181. Falls Welding Supply Co.
3406 Hyde Park Blvd.
- 1182. General Electric Co.
44 Falls St.
BU 4-0441
- 1183. Hyson Supplies, Inc.
2425 Hyde Park Blvd.
Phone: 2-1285
- 1184. Syracuse Bearing Co.
2903 Pine Ave.
Phone: 4-8846
- 1185. Taylor Co., H. D.
- 1186. Tranter & Strauss, Inc.
1018 Niagara Ave.

NORTH MERRICK

- 1187. Hamann Supply Co., Inc.
1109 South Dr.
IV 3-9708
- 1188. Whitney, A. J.
10 Cedar St. (L. I.)
FR 8-5581

NORTHPORT

- 1189. Barr, Richard W. C.
57 Oak St.
MU 2-5644

NORTH SYRACUSE

- 1190. Eckard, William L.
102 Marywood Dr.
NS 66-3004
- 1191. Kelly Tool Co.
Mail Box 144
GL 8-2840
- 1192. Moore, Willard F.
Box 25
GI 8-4962
- 1193. Webb Co., Jervis B.
P. O. Box 8
GL 8-4600
- 1194. Wesson Co.
210 Fletcher Dr.
GL 8-0194

NORTH TONAWANDA

- 1195. Cramer Hardware Co., Inc., The
20 Webster St.
- 1196. Durez Plastics Div.
Walck Rd.
LU 1866
- 1197. Iroquois Tool Supply Co.
17 Eugene St.
P. O. Box 184
JA 1-7000
- 1198. National Grinding Wheel Co.
Erie Ave. and Walck Rd.
- 1199. Niagara Cutter Div.
330 Niagara St.
LU 8406
- 1200. Schwarz Sona, Ralph C.
P. O. Box 26
- 1201. Walsh, J. T.
P. O. Box 517

OCEANSIDE

- 1202. Esso Standard Oil Co.
Hampton Rd.
- 1203. Green Co., Oliver J.
117 Davison Ave. (L. I.)
- 1204. Sun Oil Co.
Hampton Rd. and Maple Ct.
RO 4-5306

OLEAN

- 1205. LeValley-McLeod, Inc.
16 Union St.
- 1206. McKean Steel, Inc.
889-921 N. Fourth St.
Phone: 2-2028

ORCHARD PARK

- 1207. Coe Aircraft Supply, Inc.
2393 Orchard Park Rd.

- 1208. Harvey Co., Wm. G.
56 Chauncey La.
ID 4124
- 1209. Reed-Prentice Div.
2 Lockwood La.
ID 5551
- 1210. Webb Co., Jervis B.
P. O. Box 432
ID 5988

OSWEGO

- 1211. Doherty, William
17 Lawrence St.
OS 1830-W
- 1212. Industrial Supply Co.
400 W. Seneca
- 1213. Mylchreest, F. M.
R. F. D. #4
OS 2987-M1
- 1214. Northeastern Associates, Inc.
12 E. Bridge St., Box 284
Phone: 2596

OZONE PARK

- 1215. Maser Welding Supply Co.
85-45 103rd Ave. (17)

PALMYRA

- 1216. Garlock Packing Co., The
Main St.
LY 7-4811

PEARL RIVER

- 1217. Lilliquist, Arthur T.
53 Wright St.
PE 5-8847

PEEKSKILL

- 1218. Lakeland Machine Tool Co.
Roa Hook Rd. and Rte. 9
PE 7-2838

PELHAM MANOR

- 1219. Ackerman, Charles
10 Elm Tree La.
PE 8-3231
- 1220. Esso Standard Oil Co.
6 Canal Rd.
- 1221. Nielsen Hydraulic Equipment, Inc.
4 Penn Pl.
PE 8-3090
- 1222. Sun Oil Co.
Secor La. and Hillside Rd. (65)
PE 8-3040

PENFIELD

- 1223. Grove, Lou D.
145 Highledge Dr.
LU 6-7727
- 1224. Taft-Peirce Manufacturing Co., The
828 Embury Rd.

PHOENIX

- 1225. Coville, Arthur
R. D. #1
OX 5-5571
- 1226. Taylor, Richard D.
Box 333

PITTSFORD

- 1227. Ginegaw Sales Co., Don
10 Oak Manor La.
P. O. Box 125
HI 5-1565
- 1228. Haseman, Cliff
167 W. Brook Rd.
- 1229. Lapp, Irving A.
P. O. Box 153
LU 6-7584
- 1230. Osgood Machinery, Inc.
135 Clearview Dr.
BR 1-2462

PLAINVIEW

- 1231. Electronics Manufacturers
127 Grace St.
WE 1-3701
- 1232. Partington, Rex
1 Nick Pl.

PLATTSBURG

- 1233. Hulbert Brothers, Inc.
Upper Cornelia St.
Phone: 1091-92

POMPEY

- 1234. Hammond, George E.
P. O. Box 77
OR 7-3124

PORT CHESTER

- 1235. Homelite Corp.

PORT WASHINGTON

- 1236. Dot Line Co.
35 Beechwood Ave.
P. O. Box 711
PO 7-3225
- 1237. Laletin, W.
38 Plymouth Rd.
North Salem
PW 7-5680

POUGHKEEPSIE

- 1238. Andrews Hardware Co., Inc., J. E.
- 1239. Ark Industrial Supply Co.
393 Main St.
Box 666
GL 4-4411
- 1240. C. N. Sales Co.
21 Wilbur Blvd.
GL 2-5548
- 1241. Durbeck, Albert C.
23 Hinkley Pl.
- 1242. Electra Supply Co., Inc.
331 Mill St.
GL 2-9000
- 1243. Johnson Co., Inc., J. D.
35 Main St.
- 1244. Pruden Co., Inc., W. E.
364 Mill St.
Phone: 5456
- 1245. Sanctuary, Harry I.
165 Garden St. Cor. Parker Ave.
P. O. Box 1218
Phone: 5384
- 1246. Tek Bearing Co., Inc.
109 Smith St.
GL 2-3560
- 1247. VanBenschoten Hardware Co.
393 Main St.
- 1248. Waelde the Welder
6 N. Clinton St.

QUEENS VILLAGE

- 1249. Moran, Edward J.
94-01 220th St. (8)
- 1250. Richards, R. W.
217-06 Spencer Ave.

RALEIGH

- 1251. Dillon Supply Co.

RENSSELAER

- 1252. Van's Equipment Sales, Inc.
P. O. Box 231
AL 77-3388

RHINEBECK

- 1253. Hart, Frank
26 E. Market St.
TR 6-6137

RICHMOND HILL

- 1254. Dalc Gear & Bearing Supply Corp.
114-15 Atlantic Ave.
VI 6-4200

ROCHESTER

- 1255. A. D. Supply, Inc.
36 Vick Park A (7)
GR 3-3810
- 1256. Acheson Colloids Co.
662 Monroe Ave. (7)
GR 3-2536
- 1257. Adams, Inc., Ogden R.
3700 East Ave. (18)
LU 6-4470

SALES OFFICES

NEW YORK

1258. Allen, Edward F.
132 Hedgegarth Dr. (17)
CO 6-0048
1259. Allison-Campbell Div.
195 Belcoda Dr.
GR 3-8513
1260. Allis-Chalmers Manufacturing Co.
10 Gibbs St. (4)
BA 5-4060
1261. Allis Co., Louis The
595 Winton Rd., South
P. O. Box 35, Roselawn Branch
HI 5-5380
1262. Aluminum Co. of America
Erdie Bldg. (18)
LU 6-6696
1263. American Brass Co., The
400 Clinton Bldg. (4)
HI 5-5380
1264. American Felt Co.
82 St. Paul St. (4)
LO 2-3162
1265. American Instrument Co., Inc.
1341 Dewey Ave.
GL 3-3849
1266. American Smelting and Refining Co.
335 E. Main St. (4)
LO 5250
1267. Anderson-Newton Sales Engineering Co.
75 College St. (7)
BR 1-4100
1268. Anstice Co., Inc., The
111 Humboldt St. (9)
BU 7040
1269. Barber-Colman Co.
5 St. Paul St. (4)
BA 5-0929
1270. Batty & Hoyt, Inc.
75 College Ave. (7)
HI 5-2339
1271. Beach Plastics, Inc.
739 Powers Bldg. (14)
BA 5-8701
1272. Behrmann, Sr., Andrew
270 Cobb Ter. (20)
BR 1-2324
1273. Bellows Co., The
1449 Main St., East
HU 2140
1274. Bel-Ray Co., Inc.
4350 Ridge Rd., West (13)
GL 3-1266
1275. Bliss Co., E. W.
65 Broad St. (14)
LO 2-7436
1276. Brace-Mueller-Huntley, Inc.
315 Hollenbeck St. (1)
Box 104
CO 6-6560
1277. Braeburn Alloy Steel Corp.
295 Buell Rd. (11)
FA 8-9480
1278. Brewer, C. A.
308 Buell Rd.
1279. Bridgeport Brass Co.
75 College Ave., Room 200-A (7)
1280. Bristol Brass Corp., The
314 Hollenbeck St. (1)
CO 6-6560
1281. Britton Machinery Sales, R. H.
66 Meadowbrook Rd. (20)
BR 0754
1282. Brook-Anco Corp.
75 College Ave. (7)
BR 1-4100
1283. Brown & Sharpe Manufacturing Co.
45 Exchange St. (14)
BA 5-8330
1284. Brunton & Son, Inc., G. W.
548 Chili Ave.
ID 6-9615
1285. Burke Steel Co., Inc.
30 Sherer St. (2)
BE 5-0060
1286. Burlow, Charles C.
188 Belcoda Dr. (17)
CO 1822
1287. Burns, Inc., Robert G.
241 East Ave. (4)
BA 5-7510
1288. Carlson, William
462 Empire Blvd. (9)
HU 2-8532
1289. Carrier Corp.
16 Main St., East (14)
HA 6-6080-6-6089
1290. Chamberlin Rubber Co.
186 Clinton Ave., North
BA 9510
1291. Chapin-Owen Co., Inc.
205-213 St. Paul St. (4)
LO 2-6880-2-6889
1292. Chase Brass & Copper Co.
45 Exchange St.
HA 6-3959
1293. Clark-Witbeck Co.
640 Trolley Blvd. (6)
GL 3-4990
1294. Clough, John
P. O. Box 107
BU 8-3180
1295. Colson Corp., The
703 Temple Bldg.
BA 5-9718
1296. Commercial Chemicals, Inc.
36 Winthrop St.
BA 7659
1297. Crane Packing Co.
126 Clardale Dr. (16)
CH 2-1780
1298. Cross Brothers Co., Inc.
112-114 Mill St. (1)
BA 5-9595
1299. Cross & Sons, Inc., H. M.
232 Mill St. (14)
HA 6-7440
1300. Crump, Peter W.
240 Windemere Rd. (10)
HU 2-5513
1301. Danly Machine Specialties, Inc.
33 Rutter St. (6)
GL 3-9292
1302. Dobson Mechanical Sales Co., R. K.
74 Park Ave. (7)
1303. Dony Machinery Co., D. E.
4357 St. Paul Blvd. (17)
CU 0280
1304. Erskine-Healy, Inc.
420 St. Paul St. (5)
LO 2-7980
1305. Esso Standard Oil Co.
20 Cairn St. (11)
1306. Estes, M. T.
770 Genesee Blvd. (19)
WI 2352
1307. Ex-Cell-O Corp.
2815 Monroe Ave. (18)
GR 3-4600
1308. Fafnir Bearing Co., The
1664 Monroe Ave. (18)
GR 3-6140
1309. Falk Mill Supply Co.
18 Ward St. (5)
BA 5887
1310. Farley, Inc., C. K.
52 Poplar Dr. (10)
LU 6-2040
1311. Federal Products Corp.
75 College Ave. (7)
GR 3-0771
1312. Fink Tool Co., Inc.
771 Grand Ave. (3)
P. O. Box 681
BU 8-4195
1313. Flemming, Paul
P. O. Box 191 (1)
1314. Forster Co., John M.
110 Mill St. (1)
HA 6-9603
1315. French Co., M. J.
226 Arfordale Ave.
P. O. Box 23
HU 2-8129
1316. Gay, Axel
36 Riverside St. (13)
GL 3-3702
1317. General Electric Co.
89 East Ave. (4)
BA 6720
1318. Genesee Machine Builder
1732 Hudson (17)
CO 0423
1319. Great Lakes Sales & Engineering Co.
2612 Ridge Rd., West (15)
GL 3-4735
1320. H & C Tool Supply Corp.
1239 University Ave. (7)
BR 2255
1321. Hansen Sales Associates
1650 E. Main St.
HU 2-3644
1322. Hansford Manufacturing Corp.
1239 University Ave. (7)
GR 3-3660
1323. Hanson-Van Winkle-Munning Co.
907 Monroe Ave. (20)
GR 3-7564
1324. Haverstick & Co., Inc.
45 Ford St.
LO 2-4120
1325. Hebner, C. F.
597 Woodbine Ave. (9)
FA 8-1927
1326. Hollenbeck, E. L.
141 Dale Rd. (10)
HI 5-1545-J
1327. Horne, James O.
75 College Ave. (7)
BR 1-3810
1328. Houghton & Co., E. F.
P. O. Box 773 (3)
GR 3-4160
1329. Hunter Spring Co.
147 Congress St. (11)
BE 5-0550
1330. Hyder Machinery & Tool Co.
90 S. Washington
BA 5-4831
1331. Insley-McEntee Equipment Co., Inc.
25 N. Washington St. (14)
LO 2-6125
1332. Jackson Welding Supply Co.
535 Buffalo Rd. (11)
BE 5-2920
1333. Jacobs, R. M.
33 Avon Rd. (10)
GR 3-0680
1334. Keller Industrial Products
217 East Ave. (4)
HA 3255
1335. Kelley Co., R. J. R.
4547 Dewey Ave. (12)
CH 2-1153-J
1336. Kennametal, Inc.
907 Monroe Ave. (7)
BR 1-5420
1337. Lacock & Associates, Homer
468 Monroe Ave. (2)
GR 3-5423
1338. Laffan Co., Inc., Frank E.
167 Charlotte St. (7)
BA 5-9780
1339. Laffer Engraving Co., Inc.
194 Mill St. (1)
P. O. Box 196
1340. Lane, Inc., E. R.
Box 84, Roselawn Branch (18)
HI 5-3327
1341. Lapp, Irving A.
703 Temple Bldg.
BA 5-1963
1342. Lawton, Richard C.
17 Hollyvale Dr. (18)
HI 5-1440
1343. Leach and Associates
76 Cottage St. (8)
FA 8-6907
1344. Leland Electric Co., The
703 Temple Bldg. (4)
BA 5-1443
1345. Leland-Gifford Co.
P. O. Box 24
CH 2-5258
1346. Lindberg Engineering Co.
48 Wendover Rd. (10)
HU 2-4680
1347. Ludlam, H. A.
92 Joyce Rd. (7)
WO 1-4302

SALES OFFICES

NEW YORK

ROCHESTER (cont.)

1348. Macaulay Machinery Co., Inc.
25 North St., Room 1308 (4)
BA 3696
1349. Mack, James B.
431 Maiden St. (15)
GL 3-0985
1350. Macomber, C. R.
14 Franklin St.
BA 5-1903
1351. MacRae, H. D.
70 Queens St. (9)
BU 8-2159
1352. Mallory & Co., Inc., P. R.
842 Sibley Tower Bldg. (4)
HA 6-1589
1353. Mechanical Sales Co.
74 Park Ave. (7)
GR 3-4399
1354. Mendon Hydraulic Sales Co.
65 Atlantic Ave.
GR 3-5143
1355. Metal Carbides Corp.
520 Granite Bldg. (4)
BA 5-9665
1356. Milne & Co., Inc., A.
P. O. Box 107 (1)
BU 8-3180
1357. Montbach, Frank X.
225 Sagamore Dr. (17)
1358. Morse & Son, Inc., C. H.
21 N. Water St. (4)
1359. Neal Co., Inc., R. C.
572 Lyell Ave. (3)
P. O. Box 1750
GL 3-9390
1360. Niagara Electric Sales Co.
133 S. Clinton St. (4)
HA 3970
1361. O & B Equipment Co.
2649 Atlantic Ave. (10)
HU 2-9145
1362. Oakite Products, Inc.
315 Alexander St. (4)
BA 5-3377
1363. O'Hare, Thomas P.
P. O. Box 657 (13)
GR 3-6480
1364. Ontario Metal Supply, Inc.
91 Mount Hope Ave. (20)
HA 1630
1365. Osgood Machinery Co., J. L.
167 Rossiter Rd. (20)
BR 1-2462
1366. Oswald, J. M.
520 Granite Bldg. (4)
HA 6-0785
1367. P-G Equipment Co.
1180 Scottsville Rd.
1368. Palmer's Supply Corp.
276 Lafayette Rd.
BU 8-4867
1369. Peterzell, Victor
305 Webster Ave. (9)
HU 2-8160
1370. Pike Co., Fred T.
60-62 Lenriet St. (16)
GL 3-4458
1371. Potter & Dugan, Inc.
82 St. Paul St. (4)
LO 2-9103
1372. Powell, Inc., W. H.
49 Dorchester Rd. (10)
HU 1372
1373. Power Drives, Inc.
85T Monroe Ave.
BR 1-1113
1374. Pratt & Whitney Co., Inc.
800 Linden Ave. (10)
LU 6-6212
1375. Precision Tool & Gage Co.
240 Windemere Rd. (10)
CU 1532-M
- 1375A Precision Tools Co.
P. O. Box 9107 (1)
1376. Production Tool & Gage Co.
468 Monroe Ave. (2)
P. O. Box 545
GR 5757
1377. Product Machine Co., The
1391 Mount Read Blvd. (6)
GL 3-1810
1378. Redford Corp.
26 Castlebar Rd. (10)
GR 3-3499
1379. Reid, Leon C.
69 Denver St. (9)
HU 2-3263
1380. Reliance Electric and Engineering Co.
1795 Monroe Ave. (18)
BR 1-6009
1381. Revere Copper and Brass, Inc.
31 Gibbs St. (4)
1382. Reynolds Metals Co.
512 Temple Bldg. (4)
HA 6-6250
1383. Ribble Co., C. H.
14 Franklin St. (4)
BA 5-9375
1384. Richardson Co., The
3700 East Ave. (18)
LU 6-6887
1385. Richter Corp., William
790 Linden Ave. (10)
LU 6-6464
1386. Rittenhouse Co., H. J.
311 Alexander St. (4)
1387. Roby Co., The Sidney B.
208 South Ave. (4)
BA 5-6220
1388. Rochester Industrial Supply
32 University Ave. (5)
HA 6-3664
1389. Rochester Industrial Trucks, Inc.
1168 Lexington Ave.
1390. Rochester Safety Equipment Co.
83 Howell St. (7)
HA 6-2376
1391. Roessel & Co.
1119 Ridge Rd., East
FI 2-8326
1392. Ross Equipment Co., Inc.
75 College St. (7)
BR 1-5660
1393. Rudel Machinery Co., Inc.
662 Monroe Ave.
GR 1816
1394. Supply, Inc., A. D.
36 Vick Park A. (7)
GR 3-3810
1395. Schiefer-Phillip Machinery Co.
39 State St. (4)
BA 0944-1943
1396. Schwarz & Sons, Ralph C.
75 College Ave.
BR 1-4896
1397. Scobell Chemical Co.
1 Rockwood Pl. (10)
1398. Selas Corp. of America
94 Fairmeadow Dr. (18)
GR 3-6370
1399. Sharon Steel Corp.
75 College Ave. (7)
1400. Siewert Equipment Co.
175 Akron St. (9)
HU 2-9640
1401. Smith, Louis J.
95 Sunnybrook Dr. (18)
HI 5-2644
1402. Smith Rubber Co., Inc.
P. O. Box 1062 (21)
BA 5-3227
1403. Stampress Engineering Co.
P. O. Box 545 (2)
GR 3-5423
1404. Steeves Machine Tool Corp.
70 Greenleaf St. (9)
HU 2-0600
1405. Stem & Helder Co.
23 Shepper St. (12)
CH 2-3429
1406. Sterling Electric Motors, Inc.
3700 East Ave. (18)
LU 6-7660
1407. Stevenson, Walter T.
34 Burley Rd.
CH 2-2827
1408. Stokes Corp., F. J.
120 Fairmeadow Dr. (18)
GR 3-1940
1409. Straw, Ernie
2815 Monroe Ave. (18)
GR 3-4660
1410. Stromberg-Carlson Co.
1400 N. Goodman St. (9)
1411. Sun Oil Co.
760 Brooks Ave. (19)
FA 8-3430
1412. Syracuse Bearing Corp.
159 Comfort St. (20)
HA 6-3390
1413. Syracuse Supply Co.
311 Alexander St., Room 307 (4)
LO 2-6970
1414. Templeton, G. R.
342 Caroline St. (20)
HI 5-3404
1415. T & T Bearing Co.
454 Court St.
1416. Thom & Co., Inc., William
10 Greenleaf St. (9)
1417. Tool & Die Supply Div.
17 Silver St. (11)
GE 4228
1418. Torrington Co., The
15 Warrington Dr. (18)
BR 1-0050
1419. Towne Corp., A. C.
703 Temple Bldg. (4)
BA 5-7375
1420. Tri-Line Corp.
178 Alamo Dr. (10)
LU 6-6474
1421. Udyllite Corp., The
30 Centre Ter. (17)
CH 2-3284
1422. Union Carbide Plastics Co.
3700 East Ave. (18)
LU 6-3910
1423. Vascology-Ramet Corp.
75 College Ave. (7)
BR 1-3810
1424. Vass, John
114 Thistledown Dr.
CO 6-1660
1425. Vickers, Inc.
311 Alexander St. (4)
LO 2-5384
1426. Wallace, T. H.
500 Bonnie Brae (18)
HI 5-5187
1427. Warner & Swasey Co., The
311 Alexander St. (4)
1428. Warren Abrasive Co.
316 Wyndham Rd. (9)
BU 8-2392
1429. Welding Supply Corp.
519 State St.
BA 6145
1430. Weller, J. F.
145 University Ave. (5)
HA 6-8575
1431. Weirton Steel Co. Div.
45 Exchange St. (14)
BA 5-6053
1432. Whitehead Metals, Inc.
181 Winton Rd., North (10)
BU 8-2141
1433. Will Corp., of New York, Inc.
P. O. Box 1050 (3)
1434. Wilmot Castle Co.
P. O. Box 629
BR 1-6000
1435. Windheim Tool Co.
145 University Ave. (5)
BA 6748
1436. Wolcott, Donald F.
4004 St. Paul Blvd. (27)
CH 2-4881
1437. Wood, C. E.
48 Walbert Dr. (11)
ID 6-4626
1438. Woodburn Co., William
5 St. Paul St., Room 207

ROCKVILLE CENTER

1439. Levinson, Ben T.
270 Harvard Ave.

SALES OFFICES

NEW YORK

1440. Muenz Co., O. A.
56 Brower Ave. (L. I.)
1441. Wachter, Charles L.
60 Edgewood Rd.
RO 6-3906

ROME

1422. Revere Copper and Brass, Inc.
P. O. Box 151
1443. Tolnitch Machinery Co., George F.
104 Locust St.
1444. Wardwell Hardware Co., Inc.
107 W. Liberty St. (1)

ROOSEVELT

1445. Milford Electric Motors
173-175 Nassau Rd. (L. I.)

ROSLYN

1446. East Coast Engineering & Sales &
Service Co.
1405 Northern Blvd.

ROSLYN HEIGHTS

1447. Schlanger, Morris
48 Clover La. (L. I.)
MA 1-3461

SCHENECTADY

1448. Automation-Sales Engineering Co.
434 State St.
EX 3-1747
1449. Baldwin-Lima-Hamilton
509 State St.
EX 3-1375
1450. Beekman, Inc., Douw F.
17 S. Church St.
DI 6-3413
1451. Benche, Inc.
31 Lafayette St.
1452. Clark-Witbeck Co.
1482 Erie Blvd. (1)
P. O. Box 1039
1453. Davis Co., Glenn
111 S. Church St.
FR 4-4475
1454. Ex-Cell-O-Corp.
226 State St.
FR 2-3220
1455. Goodwin, Dexter
Wemple Cottage, Apt. #8
Netherlands Village
1456. Harrington-Wilson-Daum Corp.
2337 Barcelona Rd. (9)
FR 7-3923
1457. Heppenstall Co.
530 Franklin St., Box 1056
DI 6-4263
1458. Houghton & Co., E. F.
P. O. Box 215 (5)
FR 4-6257
1459. Ingersoll-Rand Co.
#9 Wemple Bldg.
Netherlands Village
EX 3-7281
1460. LeValley-McLeod, Inc.
126-140 Van Goyssing Ave.
FR 4-3101
1461. Ozalid Branch Office
516 Curry Rd.
FR 7-7536
1462. Redford Corp.
Box 1067
EX 3-3061
1463. Shaffer, Harold R.
1145 Glenwood Blvd.
FR 2-4365
1464. Syntron Syracuse Sales Co.
2159B Daisy La.
Van Buren Park
FR 2-0921
1465. Syracuse Supply Co.
Curry Rd.
P. O. Box 447
EL 5-2000
1466. Van Alstine Tool Co., R.
205 Central Ave. (4)
FR 2-3070

SCOTIA

1467. Cleveland Tramrail Albany Co.
105 Glen Ave. (2)
CR 7-3529
1468. Scotia Machine & Tool Co.
8 John St. (2)
DI 6-5049

SENECA FALLS

1469. Pomeroy, W. D.
84 Cayuga St.
LO 8-5992

SKANEATELES

1470. Bartels, R.
P. O. Box 68
SK 1069-W2
1471. Bertling Abrasive Supply
Phone: 855
1472. Brook-Anco Corp.
31 State St.
1473. Carroll, R. T.
22 E. Austin St.
Phone: 934
1474. Marathon Electric Manufacturing
Corp.
9 E. Genesee St.
P. O. Box 216
Phone: 1093
1475. New York & New Jersey Lubricant
Co.
19 W. Austin St.
SK 942
1476. Precision Service Co.
E. Lake Rd.
OV 5-7715
1477. Russell, Holbrook & Henderson, Inc.
22 E. Austin St.
Phone: 934
1478. Theobald, Inc., Jerome J.
9 E. Genesee St.
Phone: 462
1479. Warren Machinery Co.
Old Seneca Turnpike
GR 8-6213

SNYDER

1480. Aro Equipment Corp.
45 Campus Dr., West
CI 3-860
1481. Burke, Jr., Albert J.
158 Lamarck Dr.
CI 1313
1482. Hill, W. C.
13 Campus Dr. (21)
UN 2878
1483. Pangborn Corp.
67 Charlestown Rd. (26)
CI 4386
1484. Snyder Industrial Sales Co.
351 Burroughs Dr.
CI 0256

SOUTH OZONE PARK

1485. Lemay Co., Inc., A.
P. O. Box 125 (20)
VI 8-1410

SPENCERPORT

1486. Wesson Co.
2901 S. Union St.
LY 4-8578

SPRAKER

1487. Northern Handling Supply Co.
Utica, RE 2-4877

STATEN ISLAND

1488. Hanlon, Joseph
420 Flint St. (6)
EL 1-3368
1489. Matt-Johnson Co., Inc.
332 Maryland Ave. (5)
GI 7-1065

SYOSSET

1490. Specialty Engineering Associates
P. O. Box 204 (L. I.)

SYRACUSE

1491. A & B Machinery Co.
916 Spencer St. (10)
1492. Abell Machine Tool Co., Inc.
2030 Erie Blvd., East (3)
GR 2121-2356
1493. Adams, Inc., Ogden R.
317 State Tower Bldg. (2)
HA 2-6875
1494. Airborne Instruments Laboratory
601 State Tower Bldg.
109 E. Warren St. (2)
HA 2-2769
1495. Allegheny Ludlum Steel Corp.
114 S. Warren St. (2)
GR 4-4829
1496. Allen-Bradley Co.
820 E. Water St. (3)
GR 6-2141
1497. Allis-Chalmers Manufacturing Co.
472 S. Salina St. (2)
GR 1-0147
1498. Aluminum Co. of America
731 James St. (3)
GR 4-4607
1499. American Allsafe Co.
1224 Erie Blvd., East
1500. American Brass Co., The
800 State Tower Bldg. (2)
1501. American Industrial Sales Co.
118 Tracy St. (4)
GR 1-9103
1502. Baldwin-Hall Co., Inc.
475 Oswego Blvd. (1)
GR 1-5103
1503. Barnes & Jordan, Inc.
409 E. Jefferson St. (2)
GR 8-3155
1504. Bellows Co., The
602 N. State St.
HA 2-6935
1505. Belt-Rope Supply Co., Inc.
1132 W. Genesee St. (4)
1506. Brace-Mueller-Huntley, Inc.
625 James St. (1)
Box 1340
HO 3-3341
1507. Bridgeport Brass Co.
112 DeWitt St. (3)
1508. Bristol Brass Corp.
Thompson Rd. (1)
HO 3-3341
1509. Bullard Co., The
731 James St., Room 410
GR 2-9065
1510. Burns Brothers, Inc.
631 W. Belden Ave. (4)
P. O. Box 1385
HA 2-0261
1511. Burns Supply Co.
760 W. Genesee St.
Box 1211 (1)
GR 4-7471
1512. Butler, Robert
753 James St.
1513. Carlen Representatives
132 Burnet Ave. (3)
1514. Carmody, Stephan T.
319 Loma Ave. (8)
1515. Carpenter Steel Co.
405 Denison Bldg. (2)
HA 2-0512
1516. Century Electric Co.
649 S. Warren St. (2)
HA 2-0473
1517. Chicago Rawhide Manufacturing Co.
218 Harrison St.
HA 3-7392
1518. Clark Controller Co., The
2105 W. Genesee St. (4)
HU 8-7106
1519. Cleveland Tramrail Syracuse Co.
502 Daniel Bldg.
433 S. Salina St. (2)
HA 2-3207
1520. Cincinnati Milling and Grinding
Machines, Inc.
731 James St. (3)
GR 4-5354

SALES OFFICES

NEW YORK

SYRACUSE (cont.)

1521. Cook, Lawrence W.
State Tower Bldg.
GR 1-3688
1522. Cottet's Welding Supply Co.
2730 Erie Blvd., East (1)
GR 2-9121
1523. Cuno Engineering Corp., The
712 State Tower Bldg. (2)
HA 2-9063
1524. Crucible Steel Co.
State Fair Blvd. (1)
P. O. Box 977
HU 8-5493—EN 9389
1525. Detrex Chemical Industries, Inc.
712 State Tower Bldg.
GR 1-3204
1526. Diamond Saw Works, Inc.
200 Brooklea Pl. (7)
HO 9-4489
1527. Diehl, Carl W.
416 Kenwick Dr.
HA 2-9872
1528. Diehl Manufacturing Co.
Room 317, State Tower Bldg. (2)
HA 2-1941
1529. DoAll Syracuse Co., Inc.
107 Baker St., Industrial Park
P. O. Box 116, Eastwood Station
HO 3-8549
1530. Drennan Steel Products Corp.
999 N. State St.
1531. Earl Co., Inc., Ralph W.
530 E. Washington St. (3)
GR 5-5252
1532. Elsbey, Richard
105 Juniper La. (9)
1533. Esso Standard Oil Co.
401 W. Hlawatha Blvd. (1)
1534. Exact Weight Scale Co., The
403 Seymour St. (1)
GR 6-2258
1535. Ferris & Associates, R. B.
3574 E. Genesee St. (3)
GI 6-1612
1536. Fleckenstein, Bernard
210 Sunnybrook Dr. (9)
HU 8-7883
1537. Fluid Mechanics Div.
712 State Tower Bldg.
GR 1-0610
1538. Fredenberg, A. E.
639 S. Warren Ave.
Phone: 2-6828
1539. General Electric Co.
3532 James St. (6)
HO 3-8511
1540. Glahn, R. W.
215 Meadow Rd. (4)
HO 8-1462
1541. Greer Equipment Co., Inc.
108 E. Seneca Turnpike (5)
Phone: 9-0990
1542. Gronau, George
2900 E. Erie Blvd. (3)
HO 9-4261
1543. Haley Warehouse, Robert M.
Box 61, Eastwood Station (6)
SY 2-6477
1544. Harding Supply Co.
957 W. Genesee St. (4)
GR 1-2363
1545. Harvey Co., William G.
Box 11, Elmwood Station
GR 8-3203
1546. Hayhurst, John
218 Harrison St. (2)
GR 1-7323
1547. Houghton & Co., E. F.
121 Columbia Ave. (7)
GR 3-8683
1548. Houk Supply Co.
243 Fellows Ave. (10)
Box 158, University Station
GR 2-4911
1549. IBM Corp.
731 James St.
GR 2-7881
1550. I-T-E Circuit Breaker
321 Erie Blvd., West (2)
HA 2-2338
1551. Ideal Industries, Inc.
101 Elm Tree La. (9)
HU 8-5712
1552. Ingersoll-Rand Co.
280 Lilac St.
GR 1-8843
1553. Jensen Cutting Tools, Inc.
753 James St.
GR 2-2142
1554. Kanaley, Frank S.
1409 Stolp Ave. (4)
GR 6-2331
1555. Kane, Coleman J.
1105 State Tower Bldg. (2)
HA 2-9202
1556. Kennametal, Inc.
109 S. Warren St. (2)
GR 1-1221
1557. Keller Industrial Products, Inc.
216 DeWitt Rd. (3)
GI 6-2780
1558. Kelly Supply Co., M. J.
323 E. Water St. (1)
HA 2-8556
1559. Kopecky Co., C. B.
317 State Tower Bldg. (2)
GR 1-0670
1560. LeValley McLeod, Inc.
P. O. Box 207, Eastwood Station
Phone: 73-3333
1561. Lincoln Electric Co., The
127 Seeley Rd. (3)
GR 2-1925
- 1561A. Lyon Metal Products, Inc.
114 S. Warren St.
415 Larned Bldg. (2)
1562. Macalaster-Bicknell Co.
New Court Street Rd.
P. O. Box 5, Eastwood Branch
1563. Macaulay Machinery Co., Inc.
Syracuse-Kemper Bldg. (2)
HA 2-7089
1564. Malcolm, Bruce
416 W. Onondaga St. (4)
GR 5-3660
1565. McGraw, James L.
215 Jane Dr. (9)
HO 8-5201
1566. Material Handling Products Corp.
P. O. Box 246, Eastwood Station (6)
SY 73-5261
1567. Matthews & Co., Jas. H.
208 Bronson Rd. (4)
1568. Meehan & Co., E. J.
612 Cherry Rd. (4)
HO 8-6840
1569. Meloon Bronze Foundry, Inc.
1841 Lemoine Ave. (1)
GL 4-3231
1570. Miller Co., George O.
639 S. Warren St. (2)
HA 2-5004
1571. Miller Co., Vincent J.
317 State Tower Bldg. (2)
HA 2-8426
1572. Monson Welding Sales, Inc.
1718 Erie Blvd., East
GR 2-3381
1573. Monson Welding Supply Co.
261 James St. Cor. Oswego Blvd.
HA 2-8611
1574. Modco Tools Div.
619 Erie Blvd., East
GR 5-4139
1575. Moore, Thomas J.
712 State Tower Bldg. (1)
HA 2-3240
1576. Morgan, Jack
209 LaPorte Ave.
GR 8-6703
1577. Moynihan, Robert J.
141 Marvin Rd. (7)
HY 2-1877
1578. Mueller Bram Co.
647 S. Warren St. (3)
HA 2-5393
1579. Neal Co., Inc., R. C.
119 Crescent Ave. (7)
GR 5-9911
1580. Nelson Stud Welding Div.
P. O. Box 148
GR 2-2503
1581. New Departure Div.
2507 James St. (6)
HO 3-5195
1582. Onondaga Supply Co.
344 W. Genesee St. (11)
GR 4-2431
1583. Osgood Machinery, Inc.
218 Harrison St. (2)
SY 3-8400
1584. Owens & Co., G.
P. O. Box 182
GR 1-2826
1585. Owens Machinery Co., J. F.
1810 Erie Blvd., East
P. O. Box 1144
GR 2-3326
1586. Ozalid Branch Office
2366 James St. (6)
HO 3-0283
1587. Pangborn Corp.
406 Syracuse Kemper Insurance Bldg.
(2)
HA 2-2970
1588. Potter & Dugan, Inc.
P. O. Box 861 (1)
GR 1-2683
1589. Pratt & Whitney Co., Inc.
2717 James St. (6)
HO 3-8214
1590. R & S Tool & Gage Co., Inc.
106 Wilmore Pl. (8)
GR 1-2577
1591. Raymond Corp., The
847 S. Warren St.
SY 2-6963
1592. Reichhold Chemicals, Inc.
472 S. Salina St. (2)
GR 1-4149
1593. Reliance Electric and Engineering Co.
100 Stafford Ave. (6)
HO 3-8534
1594. Reynolds Metals Co.
731 James St. (2)
GR 4-3957
1595. Rollway Bearing Co., Inc.
541 Seymour St. (4)
GR 5-2121
1596. Roto-Finish Co.
4840 S. Salina St.
1597. Rubino, John G.
237 E. Genesee St. (2)
GR 1-1057
1598. Rudel Machinery Co., Inc.
114 S. Warren St.
GR 4-3324
1599. Sass, Harvey M.
607 State Tower Bldg. (2)
HA 2-9506
1600. Sayres, Clinton
Box 211, DeWitt Branch (14)
GI 6-1720
1601. Slate, Inc., Erwin A.
303 Buffington Rd. (10)
GR 2-6992
1602. Smith Machinery Co., The H. A.
3402 Court St. (6)
P. O. Box 123, Eastwood Station
HO 3-8606
1603. Smith Co., Inc., R. F.
2507 James St. (6)
HO 3-2748
1604. Snap-on Tools Corp.
1622 Burnet Ave. (6)
1605. Snyder Products, Inc.
621 Erie Blvd., East (3)
1606. Stewart Co., Inc., J. R.
2900 Erie Blvd., East (3)
GR 4-3051
1607. Sun Oil Co.
310 W. Hlawatha Blvd. (8)
HA 2-0296
1608. Surface Combustion Corp.
317 State Tower Bldg.
HA 2-5956

SALES OFFICES

NEW YORK

1609. Syracuse Bearing Co.
428 E. Jefferson St. (2)
GR 4-7941
1610. Syracuse Office Equipment Co.
P. O. Box 983 (1)
GR 6-9091
1611. Syracuse Supply Co.
314-324 W. Fayette St. (1)
P. O. Box 1044
HA 2-9231
1612. Thom & Co., Inc., William
119 Seeley Rd. (3)
1613. Thompson & Johnson Equipment Co., Inc.
P. O. Box 247, Eastwood Station
1614. Tripoli Co., J. V.
712 State Tower Bldg.
Phone: 3-0619
1615. U & S Supply Corp.
509 S. West St.
GR 8-2136
1616. United States Electrical Motors, Inc.
405 Seymour St. (4)
GR 6-3131
1617. Uplinger, Inc., Robert J.
430 Oneida St. (1)
HA 2-1471
1618. Valenite Metals Div.
619 Erie Blvd., East
GR 5-4159
1619. Walco Equipment Co.
227 Solar St. (3)
1620. Warner & Swasey Co., The
2900 Erie Blvd., East (3)
GR 4-3402
1621. Welding Supply Co., Inc.
605 W. Genesee St.
1622. Whitehead Metals, Inc.
207 W. Taylor St. (4)
GR 4-4641
1623. Wiggins Co., Inc., A. V.
344 W. Fayette St. (1)
GR 1-9141

TONAWANDA

1624. Abrasive, H. L.
219 Delaware St.
LU 0357
1625. Cramer Hardware Co.
20 Webster St.
1626. Delco Products Div.
3000 Eggert Rd.
AM 7957
1627. DeMond, John
607 Lynbrook Ave.
PA 4421
1628. Detloff, Lee J.
1919 Colvin Blvd.
AM 4313
1629. Dunham-Jackson, Inc.
165 Woodgate Rd.
UN 3605
1630. Ernest Co., H. T.
2510 Niagara Falls Blvd.
1631. Esso Standard Oil Co.
Niagara River Rd.
1632. Exolon Co., The
LU 4550
1633. Flisgus Machinery Co.
155 Ensminger Rd.
RI 9650
1634. Hansen Sales-Branch Office
3126 Eggert Rd.
WI 2575
1635. Hartman, Floyd E.
209 Glendale Dr.
JA 7829
1636. I-T-E Circuit Breaker
2690 Sheridan Dr.
AM 9880
1637. Iroquois Tool Supply Co.
P. O. Box 184
JA 1700
1638. Nieco, Inc.
155 Ensminger Rd.
BE 7022
1639. Pratt & Whitney Co., Inc.
25 Pryor Ave.
UN 8804

1640. Rew, Clair W.
121 Wheeler St.
JA 3029
1641. Towne, Jr., A. C.
1456 Niagara Falls Blvd.
AM 1466

TROY

1642. Behr-Manning Co.
3059 Howe St.
AR 3-0100
1643. Blanchard, Inc., Fred K.
422-424 River St.
AS 4-7920
1644. Dauchy Co., Charles H.
279 River St.
1645. Rhinesmith, C. R.
3 Billings Ave.
AS 4-4993
1646. Romp, Ben
458 Third Ave.
BE 5-2548
1647. Troy Belting & Supply Co., Inc., The
6 Grand St.
AS 2-4920 Albany: 3-6121
1648. Warren Co., J. M.
245-247 River St.
AS 4-4100

UTICA

1649. Aro Equipment Corp.
Union Station Bldg. (2)
RE 3-7559
1650. Belt-Rope Supply Co., Inc.
520 John St.
1651. Colerick Supply Co., Inc.
12 Liberty St. (2)
1652. Despard Co., F. F.
P. O. Box 434
RE 2-6131
1653. Divine Brothers Co.
200 Seward Ave. (1)
1654. French Mill Supply Corp.
133 N. Genesee St. (4)
Phone: 4-7103
1655. Karl, Inc., Peter A.
Union Station Bldg. (2)
1656. Main Tool Supply Corp.
51 Main St.
1657. Mather, Evans & Diehl Co., Inc.
509 Lafayette St.
1658. Millar and Son Co., Charles
501 Main St.
Phone: 2-5121
1659. Precision Finishing Co.
419 Oriskany St., East (1)
TO 6-0923
1660. Roberts Hardware Co.
807 Broad St.
P. O. Box 419
Phone: 4-6138
1661. Schulman, Norman
239 B. Hillcrest Manor Ct.
UT 2-7806
1662. Smyth-Despard Co.
800 Broad St.
Phone: 2-2154
1663. Sterling Electric Motors, Inc.
Mayro Bldg.
RE 2-1487
1664. Syracuse Bearing Corp.
1407 Oriskany St. (4)
UT 2-4197
1665. Syracuse Supply Co.
23 Devereux St.
Phone: 2-3497
1666. Utica Material Handling Co.
Broad St., Box 366
Phone: 2-3915

WATERFORD

1667. Vir-Mar Co.
96 Broad St.
AD 8-3732

WATERLOO

1668. Beesley & Hofmann Machinery Co.
28 W. Main St.
Phone: 2272

WATERTOWN

1669. Avery Co., Inc., M. E.
302 N. Massey St.
Phone: 2116-8151
1670. Bradley Co., Inc., Thomas H.
122 Arsenal St.

WATERVLIET

1671. Gabriels, A. G.
1571 First Ave.
AR 3-4322
1672. Industrial Equipment Co.
1571 First Ave. (3)
Troy, AR 3-4322

WEBSTER

1673. Phinney, Donald L.
752 DeWitt Rd.
WE 692-J

WEST ALBANY

1674. Eddie's Equipment Co.
186 Watervliet Ave.

WEST HEMPSTEAD

1675. Nassau Tool & Supply
614 Hempstead Gardens Dr.

WEST ISLIP

1676. Donaldson, J. S.
705 Pine Ave. (L. I.)
MO 1-4748

WEST WEBSTER

1677. Burlow, Charles C.
245 Colonial Dr.

WHITEHEAD

1678. Production Devices, Inc.

WESTBURY

1679. Abrams, Morris
70 Urban Ave.
1680. General Welding Supply Corp.
400 Shames Ave.
ED 4-8200
1681. Clark Equipment Co.
550 Main St. (L. I.)
1682. Eastern Welding Equipment Co., Inc.
775 Old Country Rd. (L. I.)
1683. Eaton Co., The
340 Maple Ave. (L. I.)
1684. General Welding Supply Corp.
400 Shames Dr. (L. I.)
ED 4-8200
1685. Industrial Bearing & Supply Co.
17 State St. (L. I.)
ED 4-0100
1686. Kohart, Ralph A.
John Hassall, Inc.
ED 4-6200
1687. Severance Tool Industries, Inc.
523 Union Ave. (L. I.)
ED 3-3115
1688. Tool Specialties, Inc.
591 Prospect Ave. (L. I.)
ED 4-4100
1689. True-Trace Sales Corp.
35 Urban Ave. (L. I.)
ED 3-4333
1690. Zinck, George F.
John Hassall, Inc.
ED 4-6200

WHITE PLAINS

1691. All-State Welding Alloys Co., Inc.
249-55 Ferris Ave.
WH 8-4646
1692. Austin Industrial Corp.
76 Mamaronck Ave.
WH 8-0060
1693. Burke, Charles
20 Gedney Ter.
Phone: 9-7153

SALES OFFICES

NEW YORK

WHITE PLAINS (cont.)

- 1694. Campbell, Don
P. O. Box 321
HU 3-8466
- 1695. Jackson Engineering Co.
128 Court St.
WH 8-1033
- 1696. Jung, Charles R.
10 Franklin Ave.
WH 9-5767
- 1697. Main Tool Supply Corp.
52 Main St.
WH 9-6037
- 1698. Quality Control Corp.
10 Depot Plaza
WH 9-1220
- 1699. Roth, Inc., Eugene
129 Court St.
RO 1-1260
- 1700. See-Lect Industrial Equipment Co.,
Inc.
145 Lafayette Ave.
WH 8-5060

WHITESTONE

- 1701. Glofane Co., The
10-21 Clintonville St. (L. I.)

WILLIAMSTOWN

- 1702. Phelps, R. E.
Box 17
- 1703. Exact Weight Scale Co.
27 Hirschfeld Dr. (21)
PL 5049
- 1704. Kelly, Jr., Jack
232 Highland Dr.
SP 5338
- 1705. Kelly, John F.
P. O. Box 164
GL 8-3433
- 1706. Jessop Steel Co.
131 Cadman Dr. (21)
PL 2004
- 1707. Stubbs, R. B.
81 Jordan Rd. (21)
PL 8708

WOODSIDE

- 1708. Antares Instruments, Inc.
55-02 37th Ave. (77)
- 1709. Aro Equipment Corp.
59-01 37th St. (77)
TW 9-2200
- 1710. Black & Decker Manufacturing Co.,
The
56-15 Queens Blvd. (77)
DE 5-1042
- 1711. Bunting Brass & Bronze
5905 39th Ave. (77)
TW 9-3100
- 1712. Carpenter Steel Co., The
27-07 Brooklyn-Queens Expressway,
West
AS 8-0537
- 1713. Fafnir Bearing Co., The
39-38 59th St. (77)
TW 9-2000
- 1714. Rodriguez, Inc., R. A.
39-40 59th St. (77)
HI 6-2330
- 1715. Udylite Corp., The
59-25 Queens Blvd. (77)
DE 5-6300
- 1716. United Saw Works
56-19 37th Ave.

YONKERS

- 1717. Byron & Associates, John W.
P. O. Box 154, S. Station (5)
- 1718. Casey Equipment Corp.
19 Lanark Rd.
- 1719. Danese, Jr., Ray
54 Boxwood Rd.
SP 9-3202
- 1720. J & J Supply Co.
167 S. Broadway

- 1721. Kavin Sales Co.
99 Beaumont Cir.
- 1722. Mason Co., A. M.
30 S. Broadway
YO 8-8954-8-8955
- 1723. Ryan and Sons, Inc., Joseph C.
54-62 Main St. (1)

NORTH CAROLINA

ASHEVILLE

- 1. Asheville Industrial Supply
711-717 Biltmore Ave.
- 2. Brunner & Lay Rock Bit of Asheville,
Inc.
Sweeten Creek Rd.
AL 3-3681
- 3. Harrington, Inc., S. W.
P. O. Box 230
- 4. Kearns, M. R.
1215 Haywood Rd.
3-4171
- 5. McRazy & Son Supply Co., John W.
- 6. Post Machinery Co.
Roverside Dr.
- 7. Tidewater Supply Co., Inc.
85 Roberts St., Box 213
AL 2-8241

BETHEL

- 8. L. M. James & Co.

BLACK MOUNTAIN

- 9. Burks & Co., Charles L.
P. O. Box 1032
NO 9-8445-6
- 10. Ex-Cell-O Corp.
P. O. Box 905
NO 9-8415
- 11. Underwood, Richard H.
Laurel Ave., Box 1187
NO 9-8382

BURLINGTON

- 12. Detrex Chemical Industries, Inc.
210 Security Bank Bldg.
CA 5-6836
- 13. Sykes Supply Co.
1221 Maple Ave.
CA 7-2723

CHARLOTTE

- 14. Abernathy-Thomas Engineering Co.
3132 Graymont Dr. (8)
FR 5-1293
- 15. Acme Steel Co.
327 N. Tryon St.
FR 5-1733
- 16. Airborne Instruments Lab.
237 S. Tryon St. (2)
- 17. Air Reduction Sales Co.
124 W. Third St. (1)
ED 3-1157
- 18. Alemite Co.
205 W. First St. (1)
- 19. Allen, E. W.
5412 Hilltop Cir.
FD 3-2827
- 20. Allis-Chalmers Mfg. Co.
300 E. Seventh St. (6)
ED 4-1667-8-9
- 21. Allis Co., The Louis
1422 E. Fourth St.
P. O. Box 4126
ED 4-1858
- 22. All-State Welding Alloys Co., Inc.
Route 9, Box 356 (8)
EX 9-1910
- 23. Aluminum Co. of America
616 Johnston Bldg. (2)
ED 4-9751
- 24. American Brass Co., The
606 Liberty Life Bldg. (2)
- 25. Anderson, W. M.
Old Statesville Rd. (3)
P. O. Box 3726
ED 4-6278
- 26. Apex Machine Tool
3107 Wilkinson Blvd. (8)
P. O. Box 8005
EX 9-0455
- 27. Atlas Supply Co.
- 28. Barker Instrument & Machine Co.
2316 Central Ave.
P. O. Box 335
ED 4-1222
- 29. Berg, Stanley D.
321 N. Caswell Rd. (4)
ED 2-2551
- 30. Brown, Edward D.
P. O. Box 3361 (3)
FR 5-5212
- 31. Brown & Morrison
207 Liberty Life Bldg. (2)
3D 3-0774
- 32. Buthan, Inc.
3236 Draper Ave. (5)
- 33. Carbaugh, Jim
612 Pecan Ave. (4)
- 34. Carrier Corp.
2610 South Blvd. (3)
JA 3-5211
- 35. Caton Co., H. V.
230 N. Torrence St. (2)
- 36. Chain Belt Co.
300 Clanton Rd. (3)
JA 3-3861
- 37. Charlotte Oxygen & Supply Co.
P. O. Box 10244
- 38. Charlotte Supply Co., The
500 S. Mint St. (1)
P. O. Box 1499
Phone: 2-1156
- 39. Chase Brass & Copper Co.
222 S. Church St. (2)
ED 2-4152
- 40. Cheeseman, Charles H.
P. O. Box 1044 (1)
JA 3-5113
- 41. Circo Equipment Co.
5422 Finabury Pl.
EM 6-3102
- 42. Clark Controller Co., The
116½ E. Fourth St.
FR 5-1044
- 43. Cleveland Tramrail Carolinas Co.
123-125 W. 29th St. (1)
ED 2-5026
- 44. Coleman, Inc.
P. O. Box 1064
FR 7-4195
- 45. Cox Tire Machinery Co., The
620 W. Morehead St.
- 46. Creaser, Marvin
Route 5, Box 713
- 47. Crier, A. L.
1312 Browns Ave. (8)
- 48. Crucible Steel Co.
3162 Cullman Ave. (5)
P. O. Box 5325
FR 7-1558
- 49. Davis-Harkness Co.
1607 E. Seventh St. (4)
FR 6-6382
- 50. Diehl Manufacturing Co.
1514 Hutchison Ave. (6)
FR 5-2331
- 51. Dixie Bearings, Inc.
1621 N. Tryon St.
ED 2-2151
- 52. Do-All Carolina Co.
3157 Cullman Ave. (6)
ED 4-5397
- 53. Dow Chemical Co., The
504 Wachovia Bank Bldg. (2)
ED 4-0851
- 54. Duncan Printmakers
313 E. Seventh St.
3D 4-1398-2-5033
- 55. Edgcomb Steel Co.
527 Atando Ave. (5)
FR 5-3361
- 56. Edwards, Marshall
324 Sylvania Ave.
Phone: 4-7466
- 57. Electro Motion Corp.
P. O. Box 10432 (2)
FR 6-5453
- 58. Elliott Co., The J. H.
212 S. Tryon St.
ED 2-7097

NORTH CAROLINA

59. Engineering Sales Co.
123 W. 29th St.
P. O. Box 68
ED 2-5628
60. Esso Standard Oil Co.
700 E. Morehead St.
61. Fafnir Bearing Co., The
119 W. 29th St. (6)
ED 4-8601
62. Fairbanks, Morse & Co.
Liberty Life Bldg. (2)
FR 6-2893
63. General Electric Co.
112 S. Tryon St. (1)
FR 5-3571
64. Gros-Ite Sales & Service Co., Inc.
301 N. Brevard St.
ED 2-7857
65. Haney & Co., Howard R.
3236 Draper Ave.
FR 5-6546
66. Harper, Jr., W. C.
2021 Cartier Wy.
67. Henry Associates, Bill
P. O. Box 6073 (7)
FR 5-8958
68. Highsmith & Co., J. L.
737 Providence Rd. (5)
FR 7-2546
69. Hile, William K.
P. O. Box 6165 (7)
FR 7-5062
70. Hill, Jr., Earle R.
3124 Creighton Dr. (5)
71. Hill, G. C.
5501 Milford Rd.
72. Hudgins Co., Robert S.
P. O. Box 6091 (7)
ED 3-8466
73. I-T-E Circuit Breaker
215 E. Morehead St.
ED 4-0814
74. Industrial Hardware & Supply
216 E. Sixth St.
75. Industrial Piping Supply
1501 Dowd Rd. (1)
76. Industrial & Textile Supply Co.
1300-10 S. Mint St. (1)
P. O. Box 1319
FR 5-3326
77. Industrial Truck Sales & Service, Inc.
3029 Bank St.
78. Ingersoll-Rand Co.
409 Polindexter Dr.
RF 4-5007
79. Jessop Steel Co.
2926 Westfield Rd.
ED 4-4584
80. Jones & Lamson Machine Co.
1900 Commonwealth Ave. (5)
P. O. Box 9181, Plaza Sta.
ED 4-3854
81. Kinnear & Co., L. W.
1909 Shoreham Dr. (7)
EM 6-2703
82. Lincoln Electric Co., The
109 W. Griffith St. (1)
JA 3-2414
83. Lindsay, Earl J.
1021 Mockingbird La. (9)
JA 3-5073
84. Livingston & Haven
1523 Coventry Rd.
P. O. Box 6020
EM 6-2509
85. Long, Jr., A. Ben
4503 Wendover La. (7)
EM 6-1916
86. M & A Sales & Service, Inc.
P. O. Box 11286 (9)
ED 3-7971
87. Machinery-Supply Co.
1100 N. Tryon
FR 6-7569
88. Mangieri Co., Charles E.
3401 Spencer St.
FR 5-9578
89. Marshall Machinery Co., Geo. A.
5100 Independence Blvd.
P. O. Box 9214
ED 3-2091
90. Material Handlers, Inc.
4110 Old Pineville Rd.
P. O. Box 3606
JA 3-3712
91. Matthews Morse Sales Co., Inc.
301 E. Seventh St. (1)
ED 3-1187
92. McBride, Jack
P. O. Box 608 (1)
FR 5-4120
93. McKenzie, T. H.
York Rd.
P. O. Box 395
LA 2-5742
94. Mec-Tric Control Co.
113 S. Brevard St.
FR 6-8531
95. Metallizing Co. of America, Inc.
205 S. Church Street Bldg. (2)
FR 5-0150
96. Mize Co.
P. O. Box 1376
97. Moffatt Bearings Co.
219 W. Morehead St. (6)
FR 6-6577
98. Morse Chain Co.
405 W. Griffith St. (3)
JA 3-6398
99. Mountcastle, E. L.
2617 Selwyn Ave.
FR 5-0592
100. National Welders Supply Co.
Corner Gesco and State Sts.
FR 5-5751
101. New Departure Div.
Liberty Life Bldg.
S. Tryon
FR 6-6565-6-6566
102. N. Y. & N. J. Lubricant Co.
2335 Farmington La. (5)
ED 3-5674
103. Notley & Co., Inc., C. G.
1209 Johnston Bldg.
FR 6-6504
104. Owale & Son, H. B.
P. O. Box 449
JA 3-3141
105. Patex Corp.
P. O. Box 11085
ED 4-5808
106. Patterson, Tom
2310 Belfast Dr. (8)
107. Patton & Associates, G. S.
Municipal Airport Terminal
FR 5-7563
108. Piedmont Engineering Corp.
300 W. Stonewall St. (1)
P. O. Box 2094
ED 2-2104-2-2105
109. Pratt & Whitney Co., Inc.
1220 E. Fourth St. (4)
ED 2-7774
110. Price-Armstrong Co.
1911 Matheson Ave. (5)
FR 6-9156
111. Purser & London, Inc.
1317 E. Fourth St. (4)
ED 3-7549
112. Reeves Pulley Co.
1607 E. Seventh St. (1)
ED 3-9077
113. Reichhold Chemicals, Inc.
New Pineville Rd.
P. O. Box 3715
JA 3-4114
114. Reid Tool Service
1908 Commonwealth Ave.
P. O. Box 9243 (5)
ED 2-3263
115. Reliance Electric and Engineering Co.
1607 E. Seventh St. (1)
ED 3-9077
116. Reynolds Metals Co.
1616 Central Ave. (2)
FR 6-8549
117. Ross & Co., F. H.
1649 W. Morehead St.
P. O. Box 1750
ED 3-6635
118. Rudisill, J. A. (Jake)
1312 Myrtle Ave. (3)
FR 6-4792
119. Ryerson & Son, Inc., Joseph T.
Box 10006 (1)
EX 2-1321
120. Sims, Hugh M.
P. O. Box 6031 (7)
FR 5-5662
121. Sinclair Refining Co.
P. O. Box 8067
122. Skil Corp.
P. O. Box 3374 (3)
FR 5-8429
123. Smith-Courtney Co.
5601 Wedgewood Dr. (3)
ED 2-2555
124. Smith, Geo. M.
2440 McClintock Rd.
125. Smith-Wadsworth Hardware
428-430 S. Lyon St. (1)
Box 1157
126. Snap-on-Tools Corp.
1015 W. Morehead St. (8)
FR 5-7704
127. Snyder Co., M. R.
304 E. Tremont Ave.
ED 4-7190
128. Southern Engineering Co.
P. O. Box 10588 (1)
EX 9-8331
129. Spoon, LeRoy P.
307 Lincoln St. (3)
ED 4-6334
130. Steffens, A. J.
1154 Robinhood Rd. (5)
FR 5-3638
131. Summer Textile Equipment & Supplies
1101 Elizabeth Ave. (1)
132. Syntrol Carolina Sales Co.
5011 Hoyt Ct. (9)
JA 3-1941
133. Textile Mill Supply Co.
1300-10 S. Mint St.
134. Tidewater Supply Co., Inc.
211 Atherton St. (3)
JA 3-1637
135. Upchurch Co., Frank J.
3720 Wilkinson Blvd. (8)
EX 9-9465
136. U. S. Electrical Motors, Inc.
5028 Furman Pl.
FR 5-2766
137. Walke Co., The Henry
1310 S. Tryon St. (1)
ED 4-5391
138. Ward, H.
205 S. Church St. (2)
ED 3-5646
139. Warner & Swasey Co., The
624 Pecan Ave. (4)
P. O. Box 4000
ED 2-4149
140. Weirton Steel Co.
930 Ardsley Rd.
FR 6-4689
141. Whiting Corp.
304 Kingsmore Bldg. (3)
ED 4-5346
142. Williams, J. E.
2015 Hopedale Ave. (7)
ED 2-1494
143. Wrenn Brothers
4701 Pineville Rd.
P. O. Box 10186
JA 3-1712
144. Younger Co., W. P.
4001 Sheffield Dr. (5)
FR 5-2263

DURHAM

145. Dillion Supply Co.
112 S. Duke St.
146. Smith-Courtney Co.

FAYETTEVILLE

147. Farrel-Birmingham Co., Inc.
P. O. Box 3157
HU 4-5261

SALES OFFICES

NORTH CAROLINA

GASTONIA

- 148. Ferguson Gear Co.
149. Gastonia Mill Supply Co.
613 E. Franklin Ave.
P. O. Box 708
UN 7-7221
- 150. Gastonia Motor Parts Co., Inc.
242 W. Airline Ave.
- 151. Griffin Tools
621 E. Franklin Ave.
P. O. Box 138
UN 7-9562
- 152. Howe Distributing Co.
1618 E. Ozark Ave.
UN 4-2646
- 153. Huck Manufacturing Co.
1903 Woodland Dr.
UN 7-9879

GOLDSBORO

- 154. Dillon Supply Co.
N. William St.
- 155. Dewey Brothers, Inc.
801 S. George St.
Phone: 1800
- 156. Eastern Distributors, Inc.
800 S. John St.
P. O. Box 1110
RE 4-2451-52
- 157. Owsley & Son, H. B.
P. O. Box 1244
Phone: 5896

GREENSBORO

- 158. Armentrout Machinery Co.
205 Country Park Rd., Route 9
Phone: 4-8218
- 159. Bellows Co., The
Room 221, Watson Bldg.
Phone: 5-4085
- 160. Bridgeport Brass Co.
233½ N. Greene St.
- 161. Brown & Co., K. O.
P. O. Box 1791
BR 3-5973
- 162. Coleman-Zane Co., Inc.
1419 Westover Ter.
BR 5-8464
- 163. Cross Sales & Engineering Co.
824 Winston St.
P. O. Box 794
BR 5-6365
- 164. Dixie Bearings, Inc.
231 E. Washington St.
BR 4-4886
- 165. Esso Standard Oil Co.
313 N. Elm St.
- 166. General Electric Co.
301 S. Elm St.
Phone: 3-7426
- 167. Glenn & Associates, Edwin F.
P. O. Box 286
- 168. Grant Chemical Co.
3903 E. Market St.
BR 4-6789
- 169. Green, E. T.
P. O. Box 5034
BR 5-3775
- 170. Hoffman & Hoffman Co.
1102 E. Wendover Ave.
P. O. Box 3445
BR 4-0101
- 171. Industrial Truck Sales & Service, Inc.
418 E. Market St.
- 172. Jeffreys Engineering & Equipment Co.
721 Guilford Bldg.
P. O. Box 3443
BR 4-6364
- 173. Johnson, W. D.
1905 Rolling Rd.
BR 2-7932
- 174. Jones Tool & Supply Co., H. R.
1710 Spring Garden
P. O. Box 314
BR 2-8745

- 175. Longdon, J. S.
P. O. Box 2490
BR 2-1198
- 176. Manufacturers Sales Co.
P. O. Box 293
BR 4-1401
- 177. Matthews & Co., Jas. H.
206 S. Tremont Dr.
Phone: 4-4715
- 178. McDonald, W. L.
P. O. Box 2107
- 179. McIver, King
S. Elm St., Box 1498
- 180. N. Y. & N. J. Lubricant Co.
9011 Colonial Ave.
BR 4-7511
- 181. Odell Mill Supply Co.
302 N. Forbis St.
BR 2-2113
- 182. Pickett Battery & Auto Co.
514 Battleground Ave.
- 183. Remco Supply Co., Inc.
1815 E. Windover Ave.
BR 3-3676
- 184. Remington Arms Co., Inc.
111 Jefferson Bldg.
BR 2-6879
- 185. Shepherd Co., Allan T.
P. O. Box 1451
BR 5-2248
- 186. Smith-Courtney Co.
820 Winston St.
P. O. Box 928
BR 2-4557
- 187. Southern Rubber Co., Inc.
360 Ashe St.
BR 2-4567
- 188. Sterling Electric Motors, Inc.
P. O. Box 2826
BR 3-7955
- 189. Stribling, Jr., P. O.
216 W. Market St.
BR 4-2445
- 190. Sun Oil Co.
610 N. Elm St.
BR 5-1337
- 191. Tidewater Supply Co., Inc.
150 W. Lee St.
P. O. Box 3406
BR 5-7281
- 192. Williams, Harold
P. O. Box 2258
CU 3-626

HALIFAX

- 193. Canadian Fairbanks-Morse Co.
1248 Barrington St.

HICKORY

- 194. Flowers Co., The
16 First Ave.
- 195. Michigan Abrasive Co.
P. O. Box 241
- 196. Smith-Courtney Co.
103 Third St., Southwest
P. O. Box 2448
DI 5-2201-2

HIGH POINT

- 197. Andersen, Z. D.
1217 Fifth St.
Phone: 2-4582
- 198. Aro Equipment Corp.
1121 Adams St.
Phone: 7-5283
- 199. Automatic Lathe Cutterhead Co.
207 W. High St.
Phone: 4930
- 200. Behr-Manning Co.
301 W. Green St.
Phone: 5067
- 201. Burks & Co., Charles L.
P. O. Box 1666
Phone: 2-1551
- 202. Carolina Tool Co.
611 N. Main St.
- 203. H. E. Crawford Mill Supply Co., Inc.
825 S. Main St.
- 204. Deluxe Saw and Tool Co.
419 E. Commerce

- 205. Hershey-Thomas Co.
P. O. Box 5052, Emerywood Station
Phone: 2-1132
- 206. Hoe & Co., Inc., R.
1809 English St.
Phone: 2-3411
- 207. Houghton & Co., E. F.
P. O. Box 1507
Phone: 3654
- 208. Kester, H. D.
- 209. Mid-West Abrasive Co.
201 W. High St.
- 210. Wilson Sales
227 E. Commerce St.
- 211. Woodworkers Supply Co.
1941 English St.

KINGS MOUNTAIN

- 212. Butterworth Charles A.
107 N. Gaston St.
Phone: 314W

LENOIR

- 213. Blue Ridge Hardware & Supply
111 Advent St.
PL 4-5497
- 214. Flowers Co., The
113 S. Mulberry St.
- 215. Norment & Lambert, Inc.
Phone: 4-9571

LEXINGTON

- 216. Furniture Makers Supply Co.
950 Talbert Blvd.
P. O. Box 407
- 217. General Transmission Supplies
407 N. State St.
P. O. Box 431
Phone: CH 6-2361

MONROE

- 218. Houston Co., A. N.
Box 223
- 219. Price Equipment Co.
611 Ann St.
P. O. Box 414
AT 3-4788

MORGANTON

- 220. Flowers Co., The
211 E. Union St.

NEW BERN

- 221. Graven Foundry & Machinery Co.
110 Craven St.
- 222. Roach Machine Co., S. T.
P. O. Box 809

PLYMOUTH

- 223. East Carolina Supply Co.
Phone: 397-1

RALEIGH

- 224. Carolina Welding Supplies, Inc.
410 DuPont Cir.
- 225. Esso Standard Oil Co.
Garner Hwy.
- 226. Exact Weight Scale Co., The
1023 Nichols Dr.
TE 2-7611
- 227. Dillon Supply Co.
S. West St.
P. O. Box 1111
TE 2-7771
- 228. Finley & Associates, A. E.
Oberlin Rd. and Smallwood Dr.
P. O. Box 10497
Phone: 4-9411
- 229. General Electric Co.
16 W. Martin St.
Phone: 4-7353
- 230. Hoffman & Hoffman Co.
510 St. Mary's St.
P. O. Box 10462
TE 4-8522

OHIO

2. Acme Safety Products
387-389 Storer Ave.
FR 6-4250
3. Air Equipment Corp.
597-99 Kenmore Blvd. (14)
4. Akron Welding & Spring Co.
940 S. High St. (11)
JE 5-2157
5. Allis-Chalmers Manufacturing Co.
First National Tower (8)
PO 2-7648
6. Aluminum Co. of America
506 Akron Savings & Loan Bldg. (8)
JE 5-7138
7. Bearings, Inc.
22 Fair St. (3)
JE 5-4153
8. Bellows Co., The
230 W. Market St. (3)
FR 6-2174
9. Bridgeport Brass Co.
364 W. Bowery St. (7)
10. Bronson & Co.
797 N. Main St. (10)
PO 2-7467
11. Buckeye Metals & Supply Co.
258 Kenmore Blvd. (1)
12. Century Supply & Equipment Co.
310 W. Exchange St. (2)
13. Clark Controller Co., The
217 Ash St. (8)
HE 4-3129
14. Cleveland Tramrail Akron Co.
619 E. Tallmadge Ave. (10)
FR 6-4174
15. Cole Machinery Co.
139 Borton Ave. (2)
UN 4-6988
16. Colson Corp., The
510 United Bldg.
HE 4-2617
17. Cunningham Supply
782-4 Washington St. (11)
18. Detrex Chemical Industries, Inc.
P. O. Box 3755
PL 3-8433
19. Equipment Sales Co.
164 E. Exchange St. (4)
20. Erie Equipment Service, Inc.
925 Canton Rd.
21. Excelsior Stamp Works Co.
88 Ash St. (8)
22. Factory Tool & Supply
195 E. South St. (11)
23. Farrel-Birmingham Co., Inc.
665 W. Market St. (3)
PO 2-8871
24. Flannery, Frank
26 N. Main St. (8)
JE 5-1685
25. General Electric Co.
665 W. Market St. (3)
PO 2-8841
26. Good Supply & Equipment
905 Miami St. (11)
BL 3-9161
27. Hall Co., C. P.
414 S. Broadway
28. Hardware & Supply Co., The
475 S. High St. (11)
JE 5-4111
29. Homeier & Co.
P. O. Box 5251 (13)
UN 4-2107
30. Industrial Products Sales, Inc.
227 W. Exchange St. (2)
PO 2-7663
31. Industrial Supply & Equipment Co.
2189 Glenmount Ave.
32. Lanning, Jr., A.
4812 Whyem Dr. (19)
MI 4-4970
33. Lindblad Co.
17 Cherry St.
PO 2-1100

WILMINGTON

254. Buthan, Inc.
4924 Oleander Dr.
RO 2-5749
255. Gregg Bros. Mill Supply
112 Market St.
256. Hyman Supply Co.
261 N. First St.
257. Manufacturers Sales Co.
4924 Oleander Dr.
258. Mill & Contractors Supply
121 Water St.
RO 2-7757

WILSON

259. Braswell Equipment Co.
1309 S. Goldsboro St.

WINSTON-SALEM

260. Atlas Supply Co.
236 S. Liberty St.
PA 2-6112
261. Crotts & Saunders Engineering
235 N. Main St.
PA 4-0163
262. Cuno Engineering Corp., The
813 Madison Ave., Southwest
PA 3-8702
263. Detrex Chemical Industries, Inc.
200 Brookstown Ave.
PA 2-4114
263. Edmac, Inc.
1015 N. Liberty St.
PA 5-2395
265. Ex-Cell-O Corp.
R. J. Reynolds Bldg.
PA 5-4124
266. Gros-Its Sales & Service Co., Inc.
843 Reynolds Rd.
Phone: 4-0442
267. Kester Machinery Co.
300 E. Third St.
P. O. Box 1405
PA 2-6181
268. Leeds & Northrup Co.
2080 Beach St.
PA 3-0693
269. Place, Robert R.
4th and Main St.
PA 5-4124
270. Quality Industries
4014 N. Cherry at Polo Rd.
PA 4-0442
271. Tire Rebuilders Supply, Inc.
902 Northwest Blvd.
272. Wapakoneta Machine Co.
348 Lawndale Dr.
PA 3-0628

NORTH DAKOTA

BISMARCK

1. Dakota Welding & Supply Co.
P. O. Box 1164
2. General Electric Co.
418 Rosser Ave.
CA 3-8544

FARGO

3. Alemite Co.
53 N. Fifth St.
4. Empire Supply Co.
1436 Main St.

MINOT

5. Minot Supply Co.

WAHPETON

6. Northwestern Sheet & Iron Works
203 S. Sixth St.
Phone: 2-4221

OHIO

AKRON

1. A-C Supply Co.
1100 Home Ave. (10)
HE 4-6188

231. Hunter, J. B.
P. O. Box 306
232. Kenerson Co., D. S.
P. O. Box 10382
TE 3-7054
233. Sinclair Refining Co.
P. O. Box 10507
Cameron Village Sta.
234. Southern Oxygen Co., Inc.
P. O. Box 428

ROANOKE RAPIDS

235. Industrial Distributors, Inc.
138-40 Roanoke Ave.
Phone: 7-2180
236. Carolina Machinery & Supply Co.
320 S. Washington St.
P. O. Box 1178
Phone: 6-8161-6-8162

ROCKY MOUNT

237. Dillon Supply Co.
S. Washington St.

SALISBURY

238. Farnco Machine Co.
719 Victory St.
Phone: 4467-W
239. Kennametal, Inc.
518 W. Council St.
ME 6-5862
240. Killion, William
2016 Rosemont
ME 3-3293
241. Palmer, Henry H.
518 W. Council St.
ME 3-1592
242. Piedmont Mill Supply Co.
1531 S. Main St.
P. O. Box 1450
ME 6-4241

SANFORD

243. General Foundry & Machine
204 Maple Ave.
P. O. Box 490
244. Vanadium-Alloys Steel Co.
P. O. Box 1007
SF 3-4284

SHELBY

245. Shelby Supply Co.
216-222 N. Lafayette St.
P. O. Box 143
HU 7-8531

SOUTHERN PINES

246. Purcell, W. S.
460 Morganton Rd.
OX 5-4071

STATESVILLE

247. Bryant Supply Co., Inc.
211 E. Front St.
248. Flowers Co., The
213 South
249. Garrison Machinery Co.
P. O. Box 288
TR 2-2433
250. Lewis Machinery & Supply Co., Nosco
607 W. Front St.

TARBORO

251. Long Supply Co.
1907 N. Main St.
TA 3-4151

THOMASVILLE

252. Chair City Supply Co.
P. O. Box 95

WILLIAMSTON

253. General Electric Co.
115 E. Main St.
SW 2-2237

SALES OFFICES

OHIO

AKRON (cont.)

34. Mahoning Valley Supply Co.
274 Park St.
HE 4-7108
35. Mau-Sherwood Supply Co., The
752 N. Main St. (10)
BL 3-4161
36. Milner, Duncan C.
163 W. Exchange St. (2)
JE 5-4173
37. Motch & Merryweather Machinery Co.
510 Reynolds Ave. (13)
38. Murdock Co., The M. F.
310 Water St. (8)
JE 5-7105
39. Myer's Tire Supply Co.
816 E. Market St.
40. National Refining Co.
414 S. Broadway
JE 5-3175
41. Oliver-Ingalls
39 S. Main St. (8)
BL 3-8413
42. Papageorge & Co., Gus G.
Corner Main and Market Sts. (8)
FR 6-7164
43. Peninsular Steel Co., The
1461 Industrial Pkwy.
HE 4-5171
44. Reliance Equipment & Engineering
Sales Co.
1051 Copley Rd. (20)
UN 4-6904
45. Reynolds Metals Co.
105 State Bldg. (8)
HE 4-4178
46. Rogers Co., B. W.
850 S. High St. (9)
PO 2-0251
47. S. G. S. Tool Co.
2060 S. Arlington St. (6)
PA 4-1130
48. Service Tool & Supply Co., Inc.
140 E. Exchange (9)
JE 5-8161
49. Sun Oil Co.
999 Home Ave. (10)
BL 3-7733
50. Werner Co., E. J.
Box 1207 (9)
JE 5-2022
51. Wirz, Ralph L.
250 Portage Path (2)
PO 5317
52. Worthington, Ray S.
158 Cole Ave.
53. Yale & Towne Manufacturing Co.,
The
221 E. Center St. (4)
JE 3-7706

ALLIANCE

54. State Service & Supply

ASHTABULA

55. Detrex Chemical Industries, Inc.
WY 2-0776
56. I. and W. Supply, Inc.
1118 W. Fifth St.
P. O. Box 7
WO 4-1703

ATLANTA

57. American Felt Co.
305 Techwood Dr., Northwest (13)
JA 2-3648

AVON LAKE

58. Petree, L. D.
65 N. Point Dr.
WE 3-5429

BARBERTON

59. Hawaman, Russell
465 N. Wooster Rd.

60. Tenney Tool & Supply Co.
973 Wooster Rd., North
SH 2123

BAY VILLAGE

61. American Pullmax Co., Inc.
368 Oakmoor
TR 1-8233
62. Behrend Machinery, Inc.
389 Canterbury Rd.
Box 144
TR 1-2950
63. City Tool Corp.
30621 Wolf Rd.
PR 1-3566
64. Gawthrop, Ray
548 Juneway Dr.
TR 1-0834
65. Gerlach & Associates, J. K.
305 Dover Center Rd.
66. Maddex, Jr., W. B.
620 Canterbury Rd.
PR 1-2020
67. O'Connor, James P.
438 Kenilworth Rd.
TR 1-6560
68. Uhle, George
29925 Wolf Rd.
TR 1-2988
69. Vasoloy-Ramet Corp.
457 Parkside Dr.
TR 1-2402
70. Wells Saw Co., George
P. O. Box 27
TR 1-6969

BEDFORD

71. Bennett, Thomas J.
Krink Rd.
BE 5-1300
72. Lempeo Industrial, Inc.
5490 Dunham Rd.
73. Millicia, Anthony
23696 Alexander Rd.
BE 2-0038
74. Standard Parts Co.
1000 Broadway
BE 2-2800
75. Troutman, Edwin
7479 Oakhill Rd.
BE 2-3072
76. Wigglesworth Machinery Dist.
Route 8 and Alexander Rd.
BE 2-6660

BEREA

77. Baker, William D.
399 Lombardy Dr.
BE 4-2385
78. Clinton, Charles
287 Oakdale Rd.
OL 1-6070
79. Harshman, F. M.
232 Franklin Dr.
BE 4-5300
80. Hutt Sales Co., Martin C.
138 Front St.
BE 4-3244
81. Keesy, Herbert
182 Wyleswood
YE 2-6105
82. Kilb, Don A.
444 N. Bottom Rd.
83. National Automatic Tool Co., Inc.
26 Front St.
BE 4-4330

BRECKSVILLE

84. Armstrong, Jack H.
6908 Oakes Rd.
JA 6-4038
85. Demuth, R. D.
8893 Falls La.
BE 7-5580
86. Exact Weight Scale Co., The
3093 Harris Rd.
JA 6-4255

BRIDGEPORT

87. General Welding Co.
310-18 Main St.

CAMBRIDGE

88. Cambridge Machine & Supply Co.
128 Steubenville Rd.
Phone: 2-3421

CANTON

89. Bearings, Inc.
913 Ninth St., Southwest, Box 787 (4)
GL 4-6157
90. Bellows Co.
921 12th St., Northwest (2)
GL 6-4949
91. Bison Corp.
1935 Allen Ave., Southeast
92. Canton Elevator Co.
1220 Fifth, Southwest (11)
GL 6-2725
93. Canton Hardware Co., The
1221 Third St., Northeast (2)
GL 5-0191
94. Canton Supply Co., The
938 Cleveland Ave., Southwest (2)
GL 6-8251
95. Canton Welders Supply Co.
1801 Tuscarawas St., West (8)
96. Cox, Bernard
2739 Cleveland, Northwest (9)
97. Detrex Chemical Industries, Inc.
Fourth and Cherry Ave., Northeast
GL 5-5291
98. General Electric Co.
1226 Market Ave., North (4)
GL 3-0119
99. Henger-Fairfield Co.
415 Fourth St., Northwest (2)
GL 5-6833
100. Hoelzel, Karl F.
Box 1286, Station C (8)
GL 6-8066
101. Houghton & Co., E. F.
P. O. Box 415
GR 7-4039
102. Industrial Tool Co.
112-116 Navarre Rd., Southwest (11)
GL 4-5121
103. Kennedy, Loren S.
1125 18th St., Northwest
GL 6-5672
104. Lincoln Electric Co., The
1105 16th St., Northwest
GL 4-7133
105. Mahoning Valley Supply Co.
2401 Shepler Church Rd.
GL 5-5351
106. Menegay Machine Tool Co.
800 Walnut Ave., Northeast (2)
107. Morse, M. K.
1916 Frazer Ave., Northwest
P. O. Box 771 (1)
GL 2-6137
108. Rinehart, Ed
316 Grandview St.
GR 7-5528
109. Service Tool & Supply Co.
909 9th St., Southwest (1)
GL 6-0541
110. Welders Supply Co.
1601 Tuscarawas St., West
111. Wilkof Steel & Supply Co.
11th and Warner Rd., Southeast (1)
112. Williams, Inc., Ralph C.
429 Waynesburg Rd., Southeast
113. Workman, C. L.
2739 Cleveland, Northwest (9)
GL 6-1060
114. Yohe Supply Co., The
Fifth at Mahoning and Gibbs,
Northeast (1)
GL 6-2418

CENTERVILLE

115. Landis Tool Co.
15th N. Main St.
P. O. Box 496
TU 5-2911

OHIO

116. Nuckols, Robert B.
Box 203
TU 5-7651
117. Pratt Co., Ray W.
P. O. Box 577
TU 5-2596
118. Wood Co., Henry M.
215 Sheldon Dr.
P. O. Box 164
BA 8-1271

CHAGRIN FALLS

119. Baehr, Arthur J.
P. O. Box 12
CH 7-6154
120. Bolton, T. E.
106 Mapleridge Rd.
121. Crown Tool & Supply Co.
155 Bell St.
122. DeGreen Sales & Service
190 Canyon Rd.
123. Grove, Gay K.
127 Eastview Dr.
Lake Lucerne
KI 3-1731
124. McSherry & Co., Wm. J.
96 E. Washington St.
125. Moss, Robert A.
402 Rock Spring Dr.
KI 3-5721
126. Power Transmission Sales
24 N. Main St.
CH 7-6495
127. Riverside Tool Co., The
19 N. Franklin St.
CH 7-7361
128. Shelton Co., Robert L.
200 Murwood Dr.
CH 7-8282
129. Ulrich, T. E.
233 Summit Dr.
KI 3-1921

CHARDON

130. Cleveland Industrial Tool Co.
P. O. Box 84

CHESTERLAND

131. Smith, Philip O.
R. F. D., County Line Rd.

CINCINNATI

132. Abbott Co., C. C.
3712 Erie Ave. (8)
EL 1-4174
133. Ackerman Chacco Co., Inc.
9590 Kenwood Rd.
Blue Ash (42)
SY 1-4252
134. Acme Steel Co.
1440 W. Eighth St. (3)
GA 1-2101
135. Airborne Instruments Lab.
P. O. Box 97
11322 Southland Rd. (40)
CH 1-5111
136. Alemite Co.,
105 W. Central Pkwy. (2)
137. Allegheny Ludlum Steel Corp.
Carew Tower Bldg. (2)
PA 1-8180
138. Allen-Bradley Co.
2331 Reading Rd. (2)
UN 1-4445
139. Allied Abrasive & Tool Co.
1758 Elmore St. (23)
MU 1-2222
140. Allied Products Div.
P. O. Box 115 (36)
TW 1-6410
141. Allis-Chalmers Manufacturing Co.
617 Vine St. (2)
MA 7300
142. Allis Co., The Louis
2339 Victory Pkwy. (6)
UN 1-1582

143. Aluminum Co. of America
2331 Victory Pkwy. (6)
CA 1-7000
144. American Brass Co., The
101 W. Fourth St. (2)
145. American Emery Wheel Works
4220 Colerain Ave. (23)
LI 2-2898
146. American Optical Co.
125-128 E. Sixth St.
GA 1-1991
147. American Smelting and Refining Co.
1603 Carew Tower
CH 1-1678
148. American Steel & Wire Div.
Fifth Third Bank Bldg. (2)
GA 1-4460
149. American Tool Works Co., The
Pearl St. and Eggleston Ave. (2)
PA 1-2800
150. Ampco Metal, Inc.
Section and Reading Rds. (37)
JE 1-0261
151. Amsco Solvents and Chemicals Co.
4619 Reading Rd. (29)
EL 1-4700
152. Ancco Engineering Co.
822 Delta Ave. (26)
EA 1-8844
- 152A. Armco Steel Corp.
823 Delta Ave. (26)
153. Armstrong Cork Co.
1057 Meta Dr. (37)
154. Aro Equipment Corp.
Box 104, Madisonville Sta. (27)
MU 1-3509
155. Associated Manufacturers Supply,
Inc.
P. O. Box 2603 (37)
156. Atlas Co.
3201 Reading Rd. (29)
157. Auffemkampe Hardware Supply Co.
1012 Freeman Ave.
158. Automation Accessories, Inc.
8150 Camargo Rd. (43)
LO 1-8198
159. Baker Welding Supply Co.
3349 Montgomery (7)
160. Barber-Colman Co.
1987 Madison Rd. (8)
EA 1-7892
161. Bay State Supply Co.
626 Broadway (2)
DU 1-5379
162. Bearings, Inc.
1417 Central Pkwy.
PA 1-8134
163. Beckett-Harcum Co.
PA 1-7086
164. Beedle Equipment Co.
Roselawn Center Bldg. (37)
165. Behr-Manning Co.
3154 Exon Ave. (Evendale) (41)
PR 1-4000
166. Bellows Co., The
518 Wyoming Ave. (15)
VA 1-2790
167. Bethlehem Steel Co.
Fourth and Walnut Sts. (2)
168. Edgar G. Bickler Co.
6444 Sherman Ave. (30)
BE 1-7337
169. Bigger and Co., C. M.
643 Reading Rd. (15)
PO 1-1441
170. Bingham Tool & Supply Co., The
326 Main St. (2)
171. Black & Decker Manufacturing Co.,
The
1094 Gilbert Ave. (2)
GA 1-2275
172. Bode-Finn Co.
2650 Spring Grove Ave. (14)
MU 1-2200
173. Bosland Industrial Sales
4115 Edwards Rd. (9)
JE 1-5947
174. Boylan Co., P. O.
1800 Reading Rd. (15)
PO 1-1162

175. Bradford Machine Tool Co.
657 Evans St.
176. Brady Co., W. H.
1717 Section Rd. (37)
ME 1-8552
177. Braeburn Alloy Steel Corp.
5912 Hamilton Ave. (24)
KI 1-7689
178. Bridgeport Brass Co.
1423 E. McMillan St. (6)
179. Brock Co., E. W.
5657 Montgomery Rd. (13)
JE 1-4607
180. Brogden, Earl
7749 Reading Rd.
PO 1-2575
181. Brokaw Machinery Co.
Alms Hotel Bldg. (6)
WO 1-5201
182. Buchanan Supply Co., Wm.
6314 Wiehe Rd.
Golf Manor (13)
RE 1-1411-12
183. Buckeye Products Co., The
7020-34 Vine St. (16)
184. Bullard Co.
7565 Kenwood Rd. (36)
SY 1-3133
185. Burbank Assoc., Inc., H. W.
1423 E. McMillan (6)
WO 1-5736
186. Byrd, Jr., Harry G.
7331 N. Timberland Dr.
Miami Hills, Madeira (43)
LO 1-8745
187. Carpenter Steel Co., The
3811 Pacific Ave. (12)
RE 1-5088
188. Carrier Corp.
2904 Woodburn Ave. (6)
CA 1-3101
189. Century Electric Co.
Parkway and Walnut St. (2)
PA 1-6625
190. Chain Belt Co.
10488 Chester Rd. (15)
PR 1-4343
191. Chase Brass & Copper Co.
222 Post Sq. (2)
PA 1-3326
192. Chicago Pneumatic Tool Co.
4511 Reading Rd. (29)
JE 1-6325
193. Chicago Rawhide Manufacturing Co.
Roselawn Center Bldg.
EL 1-1023
194. Chipman Supply Co.
5722 Este Ave. (32)
195. Cincinnati Electric Equipment Co.
16 E. 72nd St. (16)
PO 1-6105
196. Cincinnati Machinery Co.
3900 Kellogg Ave. (26)
TR 1-0853
197. Cincinnati Milling & Grinding
Machines, Inc.
4701 Marburg Ave. (9)
198. Cincinnati Supply Co., The
2180 Glendale-Milford Rd. (15)
PR 1-5411
199. Circo Equipment Co.
1440 W. Eighth St. (3)
MA 1-0287
200. Clark Controller Co., The
3342 Erie Ave. (8)
TR 1-0410
201. Clark-Pope Equipment Co.
311 W. North Bend Rd. (16)
PO 1-3738
202. Cleveland Automatic Machine Co.,
The
4932 Beech St. (12)
RE 1-5300
203. Cleveland Tramrail Cincinnati Co.
3799 Madison Ave. (9)
TR 1-3737
204. Colson Corp., The
Roselawn Center Bldg. (37)

SALES OFFICES

OHIO

CINCINNATI (cont.)

205. Columbia Tool Steel Co.
2716 Spring Grove Ave. (25)
MU 1-8400
206. Copens & Associates, M.
130 Mary La. (17)
CA 1-3730
207. Cox Machinery Co.
P. O. Box 446
AT 3-6271
208. Crane Packing Co.
1720 Section Rd. (37)
EL 1-3480
209. Critter Supply Co.
4125 Hamilton Ave. (23)
KI 1-2818
210. Crucible Steel Co.
2900 Spring Grove Ave. (25)
KI 1-3666
211. Cuno Engineering Corp., The
Mariemont Center Bldg. (27)
BR 1-5172
212. Dalton, Robert C.
504 Compton Rd.
P. O. Box 8 (15)
JA 1-8090
213. Davis Sales Co., John Marc
1288 Paddock Hills Ave. (29)
RE 1-8883
214. Delco Products Div.
6914-18 Miami Rd. (27)
BR 1-2207
215. Derringer Co.
3306 Hardesty Ave. (8)
EA 1-4909
216. Detrex Chemical Industries, Inc.
105 W. Fourth St.
MA 1-9626
217. Diehl Manufacturing Co.
Box 171, Pleasant Ridge Sta. (13)
ME 1-0136
218. Diers Co., George H.
7374 Reading Rd.
P. O. Box 2627 (37)
RE 1-7364
219. Dietzgen Co., Eugene
7633 Production Dr. (37)
PO 1-2724
220. Dimond Co., Ken
24 Cooper Bldg.
3455 Edwards Rd. (8)
TR 1-1305
221. DoAll Cincinnati Co.
2840 Colerain Ave. (25)
MU 1-1131-1-1133
222. Dock Co., Blake
309 Ludlow Ave.
AV 1-3511
223. Doerner, John A.
4125 Hamilton Ave. (23)
MU 1-7624
224. Dorsey Gage Co., Inc.
225. Dow Chemical Co., The
2330 Victory Pkwy. (6)
CA 1-7020
226. Drummond, R. S.
P. O. Box 2657
2209 Losantville (37)
ME 1-5526
227. Edwards Air Conditioning Sales Co.
626 Broadway (2)
MA 1-6955
228. Edwards & Associates, Harry G.
254 McCullough St. (26)
EA 1-8288
229. Ellerbusch Instrument Service
2503 Fairview Ave. (19)
230. Essel, Erwin
525 Walnut St.
MA 1-6536
231. Exact Weight Scale Co., The
270 Main St. (2)
CH 1-6226
232. Ex-Cell-O Corp.
8016 Plainfield Pike (36)
TW 1-7800
233. Export Import Industries, Inc.
432 Walnut St.
MA 1-1166
234. Fabricating Machinery Sales
2430 Central Pkwy. (14)
MA 1-7090
235. Fatnir Bearing Co., The
2637 Erie Ave. (8)
EA 1-2482
236. Fairbanks, Morse & Co.
2815 Para Dr. (37)
JE 1-8860
237. Fauver Co., J. N.
6054 Montgomery Ave. (13)
238. Fay & Egan Co., J. A.
2001 Eastern Ave.
PL 0730
239. Ferguson, R. J.
1143 Seton Ave. (5)
WA 1-1877
240. Findlow Co., R. P.
7919 Blue Ash Rd. (36)
241. Fischer Industrial Equipment Co.
6851 Plainfield Rd. (36)
TW 1-2530
242. Franken, Thomas L.
6238 Marie Ave. (24)
KI 1-7147
243. Frederick Steel Co.
200 W. North Bend Rd. (16)
244. Freeman Co., L. G.
1819 Freeman Ave. (14)
PA 1-1080
245. Fremont, Leonard H.
Roselawn Center Bldg. (37)
RE 1-7402
246. G. & H. Sales Co.
Roselawn Center Blvd.
JE 1-0553
247. Galena Div.
431 Main St. (2)
CH 1-6068
248. Gallagher, J. A.
1125 Seton Ave. (5)
GR 1-6086
249. Gauspohl, E. G.
P. O. Box 122 (8)
EA 1-2181
250. General Electric Co.
2621 Victory Pkwy. (6)
UN 1-3400
251. General Factory Supplies Co., Inc.
1167 Harrison Ave. (14)
GA 1-1616
252. General Welding Equipment Co.
5724 Valley View Ave.
CH 1-2644
253. Goldschmidt Electrical Sales Co.
3658 Vine St. (20)
UN 1-6708
254. Gosiger Machinery Co., The C. H.
1046 Delta Ave. (8)
TR 1-2366
255. Graybar Electric Co.
MA 1-0600
256. Greene & Associates, Walter F.
P. O. Box 477, Roselawn Sta. (37)
JE 1-4729
257. Gregg and Spohn
1416 Bonnell Ave. (15)
VA 1-7978
258. Gruner, Al
5533 Mapleridge Dr. (27)
LO 1-4696
259. H. & R. Supply Co.
9925 Daly Rd. (31)
WE 1-1260
260. Hamilton Warehouses, Frank
2101 Ross Ave. (12)
RE 1-8850
261. Hannifin Co.
Mariemont Center Bldg. (27)
BR 1-3603
262. Hare Equipment
1720 Section Rd. (37)
ME 1-4703
263. Harnischfeger Corp.
Roselawn Center Bldg.
Reading and Section Rds. (37)
RE 1-1662
264. Harper, W. C.
C-10 Roselawn Center Bldg.
P. O. Box 2513 (37)
PO 1-0744
265. Harshaw Scientific Co.
6265 Wieke Rd. (13)
266. Hawkins, Ralph D.
307 E. Fourth St. (2)
PA 1-6444
267. Heller Co., R. A.
5609 Vine St. (16)
UN 1-3484
268. Henger-Fairfield Co.
124 E. Seventh St. (2)
MA 1-4749
269. Hensel, Warren S.
3762 Harvard Acres (27)
BR 1-3106
270. Hill & Griffith Co., The
1262 State Ave. (4)
271. Hobson, Raymond A.
6250 Berkshaw Dr. (30)
BE 1-4392
272. Hodson Machinery Co., L. W.
6914 Miami Rd. (27)
BR 1-1027
273. Holloway, A. P.
7305 Vine St. (16)
GA 1-3690
274. Houghton & Co., E. F.
307 E. Fourth St. (2)
MA 1-6505
275. Howell Electric Motors Co.
4115 Edwards Rd. (9)
ME 1-2652
276. Huck Manufacturing Co.
7320 Quail Hollow Rd. (43)
GA 1-2545
277. Hughes, Jr., E. C.
P. O. Box 124 (24)
LI 2-4738
278. Hughes, Smith E.
3716 Petoskey Ave.
BR 1-2226
279. Hunting Co., Donald B.
7446 Vine St. (16)
PO 1-4550
280. IBM Corp.
The Inquirer Bldg. (2)
CA 1-5182
281. I-T-E Circuit Breaker
4557 Montgomery Rd. (12)
RE 1-3966
282. Ideal Industries, Inc.
1423 E. McMillan St. (6)
WO 1-3230
283. Industrial Services
1143 Seton Ave. (5)
WA 1-1877
284. Ingersoll-Rand Co.
428 McGregor Ave. (6)
PL 1-8060
285. Isaacs Co., The
2708 Vine St. (19)
PL 1-2414
286. Janette Electric Manufacturing C
1342 E. McMillan (6)
UN 1-5624
287. Jay Instrument & Specialty Co.
9966 Springfield Pike (15)
PR 1-7070
288. Jessop Steel Co.
708 Union Central Bldg. (2)
MA 1-8102
289. Johnson Bronze Co.
809 Sycamore St. (2)
CH 5464
290. Johnson Co., The Wm. T.
210 Vine St. (2)
GA 6162
291. Jones & Co.
2924 Erie Ave. (8)
292. Jones & Laughlin Steel Corp.
Carew Tower (2)
MA 1-2223
293. Kaiser Aluminum & Chemical Sales,
Inc.
2330 Victory Pkwy. (6)
CA 1-5550
294. Kammerer Sales Co.
3639 Ault Park Ave. (8)

SALES OFFICES

OHIO

295. Keen Machinery Co.
Roselawn Center Bldg. (37)
JE 1-4504
296. Kelch, R. E.
1717 Section Ave. (37)
EL 1-2434
297. Kelley, M. B.
5650 Macey St.
DU 1-1155
298. Kelly, Harold A.
613 Tri-State Bldg. (2)
DU 1-1155
299. Kennametal, Inc.
7620 Reinhold Dr. (37)
PO 1-1407-08
300. Keough, Roger
790 Ivy Hill Dr. (38)
KI 1-2489
301. Kiesel, T. C.
P. O. Box 93
Pleasant Ridge Sta. (13)
JE 1-6203
302. Kinsey Co., The E. A.
327-335 W. Fourth St. (2)
PA 1-6030
303. Kolenbenz, John
5351 Donjoy Dr. (42)
TW 1-4702
304. Lanaman, Frank
P. O. Box 31
Pleasant Ridge
RE 1-2653
305. Laurens Bros., Inc.
2780 Highland Ave.
Norwood (12)
306. Lawrence Electric Co., The F. D.
3450 Beekman St. (23)
LI 2-1100
307. LeBlond Machine Tool Co., The R. K.
Madison and Edwards (8)
JE 1-0910
308. Lee & Co., John C.
2111 Carew Tower
CH 1-1844
309. Lee & Storrs
2111 Carew Tower (2)
310. Leeds & Northrup Co.
8005 Plainfield Rd. (36)
SY 1-2274
311. Lilly, W. H.
1602 Shenandoah Ave. (37)
VA 1-0151
312. Lima Electric Motor Co., Inc., The
5912 Hamilton Ave. (24)
KI 1-4661
313. Lincoln Electric Co.
6319 Wiehe Rd. (13)
EL 1-0188
314. Linde Co.
709 Melish Ave. (29)
CA 1-2633
315. Long, John P.
7836 Concord,
Hills Pl. (43)
TW 1-1169
316. Louder Co., The
3833 Thornton Dr. (36)
SY 1-9570
317. Lukens Steel Co.
1720 Section Rd. (37)
RE 1-2441
- 317A. Lyon Metal Products, Inc.
626 Broadway, Room #503
318. Machinery Sales and Equipment Co.
566 Robert A. Taft La. (44)
319. Machine Tools & Special Machinery
Supply
307 E. Fourth St. (2)
CH 1-3436
320. Mann Co., Gilbert
2020 Central Pkwy. (14)
321. Marathon Electric Manufacturing
Corp.
2089 Sherman Ave., Room 53 (12)
JE 1-2855
322. Marlin-Rockwell Corp.
3927 Brotherton Rd. (9)
HR 1-5670
323. Matthews & Co., Jas. H.
2899 Ridgewood Ave. (13)
ME 1-0132
324. Mauger, R. W.
7810 Thomas Dr. (43)
EL 1-3498
325. Maurath, Robert F.
3035 Portsmouth St. (8)
EA 1-0478
326. Mayer, Robert O.
3548 Montgomery Rd. (7)
JE 1-1742
327. McBeth Machinery Co.
1720 Section Rd.
P. O. Box 2623 (37)
EL 1-3313
328. McMillan Co., M. W.
9209 Blue Ash Rd. (42)
SY 1-4706
329. McNay Equipment Co.
9500 Kenwood Ave. (42)
TW 1-7122
330. Mechanical Finishing Co.
7032 Vine St. (16)
VA 3851
331. Mechanical Supplies Co.
1953 Lonserville Ave. (37)
EL 1-4016
332. Merrell-McKinney Supply Co.
Merrifield Co.
730 Brooks Ave. (15)
VA 1-1338
334. Metal Carbides Corp.
720 Main St. (2)
DU 1-1300
335. Metallizing Co. of America, Inc.
902 Federal Reserve Bank Bldg. (2)
MA 1-7394
336. Metzger Machine Co.
2165 Spring Grove Ave. (14)
CH 1-3560
337. Michigan Abrasive Co.
5747 Lester Rd. (13)
EL 1-3522
338. Miller Equipment Co.
220 W. Third St.
339. Minnesota Mining & Manufacturing
Co.
4835 Para Dr. (37)
EL 1-2313
340. Monarch Machine Tool Co., The
1720 Section Rd. (37)
RE 1-8780
341. Monroe & Co.
3329 Reading Rd. (29)
WO 1-7534
342. Moore Machinery Co.
P. O. Box 115 (36)
TW 1-6410
343. Morse Chain Co.
7565 Kenwood Rd. (36)
TW 1-7474
344. Morten & Schmidt Co.
6056 Montgomery Rd. (13)
ME 1-6166
345. Mossberg, Inc.
7824 Hamilton Ave. (31)
WE 1-6685
346. Motch & Merryweather Machinery
Co., The
Kenwood Center Bldg.
P. O. Box 115 (36)
TW 1-6410
347. Mueller Brass Co.
3345 Harrison Ave. (11)
MG 2-0690
348. Murphy, George D.
8150 Camargo Rd.
349. National Screw & Manufacturing Co.,
The
402 Mercantile Library Bldg. (2)
MA 1-0142
350. Nelson Stud Welding
4109 Webster Ave.
Deer Park (36)
TW 1-4323
351. Netherland Rubber Co.
304-306 Main St.
GA 1-0129
352. New Britain-Gridley Machine Div.
6914-8 Miami Rd. (27)
353. New Departure Div.
1720 Section Rd. (37)
354. Norma-Hoffmann Bearings Corp.
6914 Miami Rd. (27)
BR 1-3987
355. O. K. I. Welding Supply Co.
1630 Walnut St. (10)
MA 7315-16-17
356. Oakley Grinding Co.
4449 Brazee and Enyart Sts. (9)
ME 1-6360
357. O'Brien, Robert H.
3457 Marcella Dr. (11)
HU 1-0405
358. Oilgear Co., The
1720 Section Rd. (37)
RE 1-5520
359. Olsen Co., John O.
4016 Diehl Ave. (36)
SY 1-1297
360. Orr Safety Supply Co.
2353 Colerain Ave. (25)
361. Owens, Herbert L.
3977 Lowry Ave. (29)
362. Ozalid Branch Office
2524 Spring Grove Ave. (14)
CH 1-5110
363. Pangborn Corp.
6914 Miami Rd. (27)
HR 1-8944
364. Paquin Co.
3641 Vine St. (20)
PL 1-5900
365. Park Chemical Co.
1313 Mimosa La. (38)
GR 1-3145
366. Parsons, Gray
205 E. Sixth St. (2)
CH 1-7629
367. Pathon-Cincinnati Sales Co.
3815 Pacific Ave. (12)
JE 1-1824
368. Patterson, Wm. S.
613 Tri-State Bldg. (11)
DU 1-1678
369. Phister Engineering Co.
709 Temple Bar Bldg. (2)
GA 1-3850
370. Plant Equipment Co.
204 Union Terminal Bldg. (3)
PA 1-6183
371. Pletz Co., A. C.
7373 Brookcrest Dr.
P. O. Box 2525 (37)
EL 1-1477
372. Polymer Corp. of Penna., The
2552 Madison Rd. (8)
CH 1-7010
373. Pratt & Associates, S. Wm.
6618 Sampson La. (36)
TW 1-3647
374. Pratt Co., Ray W.
P. O. Box 36
6617 Stewart Rd. (43)
SY 1-1854
375. Pratt & Whitney Co., Inc.
236 E. Ninth St. (2)
PA 1-3112
376. Price, Inc., Y. Cia
925 Dixie Terminal Bldg. (2)
MA 1-3038
377. Production Saws & Supply Co.
426 W. Seymour (16)
PO 1-6279
378. Production Services
626 Broadway
Box 72, Westwood Branch (11)
MA 1-3543
379. Purcell Co., Inc., W. J.
4315 Myrtle Ave. (36)
SY 1-1131
380. Queen City Supply Co., The
7676 Reinhold Dr.
PO 1-4210
381. Queen City Warehouse, Inc.
42 Main St. (2)
PA 1-3731
382. Ralya Saw Corp.
109 W. Second St.

SALES OFFICES

OHIO

CINCINNATI (cont.)

- 383. Ranz Co., The Frank S.
111 E. Fourth St. (2)
DU 1-7474
- 384. Rawdon Myers Agency
Roselawn-Roger Bldg. (37)
ME 1-2404
- 385. Reliable Castings Corp.
3530 Spring Grove Ave. (23)
KI 1-2627
- 386. Reliance Electric and Engineering Co.
823 Delta Ave. (36)
TR 1-5100
- 387. Republic Steel Corp.
2701 Carew Tower Bldg. (2)
PA 1-3801
- 388. Revere Copper and Brass, Inc.
Station O, Box 26
3181 Linwood Rd. (8)
- 389. Reynolds Metals Co.
2261 Victory Pkwy. (6)
PL 1-2908
- 390. Richard Equipment Co.
2137 Reading Rd.
CH 1-3240
- 391. Ritter-Stratner Supply Co.
4125 Hamilton (23)
KI 2918
- 392. Rodgers & Co., C. H.
3704 Chevoit Ave. (11)
HU 1-7775
- 393. Romano Engineering Co.
6844 Vinewood (27)
BR 1-8942
- 394. Roselawn Engineering & Sales,
Inc.
Roselawn Center Bldg., Office C-10X
(37)
RE 1-0968
- 395. Rotor Tool Co., The
1717 Section Rd. (37)
JE 1-3372
- 396. Ryerson & Son, Jos. T.
3475 Spring Grove Ave.
P. O. Box 300
KI 1-3241
- 397. Santen, Sylvester
33 W. 42nd St. (36)
CH 4-5391
- 398. Satullo Co., The
C-29 1717 Section Rd. (37)
- 399. Sayre & Son, Jos. J.
47 Main St. (2)
- 400. Scallan Supply Co., The
2337 Gilbert Ave.
PL 1-1010
- 401. Scott Equipment Co.
7109 Vine St. (16)
VA 1-5474
- 402. Scott, O. C.
2933 Montana Ave.
HU 0017
- 403. Seifreut-Elsad Machinery Co., The
P. O. Box 2508
7617 Reading Rd. (37)
PO 1-2560
- 404. Sharon Steel Corp.
2407-08 Carew Tower Bldg. (2)
- 405. Sheffield Central Sales Co.
6851 Plainfield Rd. (36)
TW 1-7811
- 406. Sheldon-Storer & Associates
1429 E. McMillan St. (6)
- 407. SKIL Corp.
1132 Gilbert Ave. (2)
GA 1-9217
- 408. Smysor Co.
1046 Delta Ave. (8)
TR 1-0605
- 409. Snap-on Tools Corp.
4205 Vine St. (17)
WO 1-3188
- 410. South Chester Corp.
1717 Section Rd. (37)
EL 1-2424
- 411. Spaulding, R. R.
8725 Kenwood Rd. (42)
TW 1-8868

- 412. Spieckerman, Herb
2942 Losantiridge Ave.
JE 2091
- 413. Sterling Electric Motors, Inc.
4616 Smith Rd.
P. O. Box 127 (12)
RE 1-5432
- 414. Stilgenbauer, Ned
2637 Erie Ave.
EA 1-5637
- 415. Storey Machinery Co.
1424 Central Pkwy. (10)
- 416. Strait, K. C.
6378 Golfway Dr.
- 417. Sun Oil Co.
2414 River Rd. (4)
WA 1-5500
- 418. Swayze, Paul A.
2089 Sherman Ave. (12)
ME 1-6058
- 419. Syntro Cincinnati Sales Co.
7565 Kenwood Rd. (36)
SY 1-6160
- 420. Tarkington-Van Atten Co.
2904 Woodburn Ave. (6)
PL 1-1434
- 421. Technical Equipment Sales Co., Inc.
411 Oak St. (19)
CA 1-3445
- 422. Thomas Equipment, Inc.
3181 Linwood Rd. (8)
TR 1-2288
- 423. Thompson Co., Ralph H.
2430 Central Pkwy. (14)
BR 1-2292
- 424. Thor Power Tool Co.
3726-28 Floral Ave. (12)
RE 1-2086
- 425. Thorne, L. W.
P. O. Box 126 (14)
- 426. Timken Roller Bearing Co., The
1738 Tennessee Ave. (29)
EL 1-1100
- 427. Tocco Div.
P. O. Box 927 (1)
ED 1-2173
- 428. Tool Sales & Service of Cincinnati
325 Bank Ave., St. Bernard (17)
RE 1-8593
- 429. Torrington Co.
3142 Losantiville (13)
RE 1-8593
- 430. Transmission, Inc.
7611 Production Dr. (37)
PO 1-3315
- 431. Troutman, John D.
4671 Boomer Rd. (39)
MO 1-9442
- 432. Tucker, Ray
5636 Karen Ave. (11)
MO 2-0032
- 433. Udyllite Corp., The
Section and Reading Rds. (37)
RE 1-6826
- 434. Union Carbide Plastics Co.
2330 Victory Pkwy. (6)
UN 1-3035
- 435. U. S. Electrical Motors, Inc.
C16 Roselawn Center Bldg. (37)
RE 1-9504
- 436. U. S. Electrical Tool Co.
3640 Llewellyn St. (23)
MU 1-3410
- 437. Unterreiner, William J.
307 E. Fourth St.
PA 1-2437
- 438. Valvoline Oil Co.
431 Main St. (2)
CH 1-6968
- 439. Vanadium-Alloys Steel Co.
605 Mercantile Library Bldg. (2)
MA 1-2329
- 440. Vascoloy-Ramet Corp.
P. O. Box 36
4125 Hamilton Ave. (23)
KI 1-2818
- 441. Veeder-Root, Inc.
1669 California Ave. (37)
ME 1-2796
- 442. Vickers, Inc.
Central Pkwy. and Walnut St. (2)
MA 1-1756

- 443. Vulcan Supply and Metals Co.
535 Reading Rd. (2)
DU 1400
- 444. Wales Strippit, Inc.
432 Walnut St.
GA 1-1931
- 445. Walker Machinery Co.
5668 Wooster Pike (27)
BR 1-3380
- 446. Waltz-Dettmer Supply Co.
1910 W. Eighth St. (4)
GR 1-6050
- 447. Weatherhead Co., The
1459 Larrywood La.
MU 1-8135
- 448. Webb Co., Jervis B.
2350 Victory Pkwy. (6)
CA 1-2227
- 449. Webster Manufacturing, Inc.
Roselawn Roger Bldg. (37)
ME 1-2311
- 450. Weirton Steel Co.
Fifth and Vine Sts. (2)
GA 1-1425
- 451. Werner, E. C.
2555 Auburn Ave. (19)
- 452. Wheelabrator Corp.
6800 Silverton Ave. (36)
TW 1-3648
- 453. Wheelock, Lovejoy & Co., Inc.
6550 Wiehe Rd. (13)
RE 1-6795
- 454. White Co., Horace S.
3035 Sandra Pl. (38)
HU 1-2759
- 455. Whitesell & Associates, R. O.
Roselawn Center Bldg.
P. O. Box 2717 (37)
- 456. Whiting Corp.
3181 Linwood Rd. (8)
TR 1-1589
- 457. Wilcox Engineering Co.
4200 Montgomery Rd.
P. O. Box 16 (12)
EL 4835
- 458. Willey-Wray Electric Co.
1523-25-27 Central Pkwy. (14)
PA 1-4720
- 459. Williams and Co., Inc.
3231 Fredonia Ave. (29)
CA 1-3000
- 460. Wirthlin, Jr., E. N.
1046 Delta Ave. (8)
EA 1-7018
- 461. Wirthlin-Mann Co., The
1930 Dana Ave. (7)
RE 1-6890
- 462. Wood Co., Henry M.
920 E. McMillan (6)
AV 1-1136
- 463. Wood Supply Co., J. R.
306-310 Reading Rd. (2)
- 464. Woodall Sales & Service Co.
5156 Ballantrae Ct. (38)
BL 1-1104
- 465. Worthington Corp.
707 Race St. (2)
- 466. Yale & Towne Manufacturing Co.,
The
1118 Sycamore St. (10)
DU 1-7300
- 467. Young Co., J. T.
Station A, Box 44 (23)
KI 1-5811
- 468. Young & Co., Robert C.
Lockland Rd. and Shepherd La.
PO 1-3165

CLEVELAND

- 469. A-C Equipment Co.
14820 Detroit Ave. (7)
Phone: Pittsburgh ZE 0216
- 470. Abrasive Machine Methods Corp.
8224 Carnegie Ave. (3)
RA 1-7757-1-7758
- 471. Abrasive Tool & Supply Co.
2800 E. 55th St. (4)
- 472. Abrasives & Cutting Tools
1441 Lakeside Ave. (14)
MA 1-4690

SALES OFFICES

OHIO

473. Acheson Colloids Co.
12429 Cedar Rd. (6)
YE 2-7151
474. Acme Tool & Machinery
8404 St. Clair (3)
475. Adamas Carbide Corp.
1231 Main Ave., Northwest (13)
PR 1-6155
476. Addy & Goetz Machinery Co.
1825 Superior Bldg. (14)
477. Airborne Instruments Lab.
1521 W. 117th St. (7)
AC 1-0100
478. Air Reduction Sales Co.
1210 W. 69th St. (2)
AT 1-7400
479. Akerley Co., E. L.
3441 Lee Rd. (20)
SK 1-1771
480. Aldrich Co., The
4040 Mayfield Rd. (21)
EV 2-2890
481. Alemite Co.
1120 E. Carnegie Ave. (15)
482. Allegheny Ludlum Steel Corp.
1593 E. 41st St. (3)
UT 1-0500
483. Allen-Bradley Co.
3416 Prospect Ave. (15)
EX 1-2855
484. Allen Co., John M.
13322 Lorain (11)
CL 1-4100
485. Allen Manufacturing Co.
516 Lincoln Bldg. (14)
CH 1-6332
486. Allied Power Trans. Co.
3200 Lakeside Ave. (14)
MA 1-3771
487. Allied Products Div.
1250 E. 22nd St. (17)
IV 6-3606
488. Allis Chalmers Manufacturing Co.
815 Superior Ave., Northeast (14)
MA 1-5183
489. Allis Co., The Louis
1836 Euclid Ave., Room 620 (15)
CH 1-2913
490. Aluminum Co. of America
1450 Terminal Tower (13)
CH 1-6880
491. American Brass Co., The
2200 W. 117th St. (11)
492. American Felt Co.
1845 E. Ninth St. (14)
MA 1-0258
493. American Instrument Co., Inc.
P. O. Box 7816 (31)
LA 4-2530
494. American Smelting and Refining Co.
1422 Euclid Ave.
Hanna Bldg.
PR 1-2175
495. American Steel & Wire Div.
Rockefeller Bldg. (13)
TO 1-2000
496. Ampco Metal, Inc.
25th and Lorain Ave. (13)
PR 1-1341
497. Amstan Supply Div.
1825 Lakeside Ave. (14)
TO 1-4380
498. Anderson-Bolds, Inc.
2012 W. 25th St. (13)
PR 1-7112
499. Archer-Daniels-Midland Co.
2191 W. 110th St. (2)
- 499A. Armco Steel Corp.
1516 B. F. Keith Bldg. (15)
500. Armstrong Cork Co.
2975 Superior Ave. (14)
501. Aro Equipment of Cleveland
2700 E. 79th St.
EN 1-7300
502. Automation Devices, Inc.
16801 S. Euclid Ave.
503. Baker Distributing Co.
1105 W. 11th St. (13)
MA 1-7131
504. Baker & English, Inc.
1370 W. Ninth St. (13)
CH 1-3703
505. Bales & Co., G. H.
Leader Bldg. (14)
MA 1-1902
506. Barber-Colman Co.
3030 Euclid Ave. (15)
EN 1-2114
507. Bay State Abrasive Products Co.
3771 Chester Ave. (14)
EX 1-8924
508. Bearing Bronze Casting Co., The
3515 E. 82nd St. (8)
MI 1-6520
509. Bearing Distributors, Inc.
2618 Carnegie Ave. (15)
510. Bearings, Inc.
3634 Euclid Ave. (15)
UT 1-2828
511. Beatty, Joseph R.
P. O. Box 5642
512. Behr-Manning Co.
4101 W. 150th St. (35)
OR 1-3300
513. Bellows Co., The
3030 Euclid Ave. (15)
HE 1-3430
514. Beryllium Corp. (7)
14706 Detroit Ave. (7)
515. Bethlehem Steel Co.
50 Public Sq. (13)
516. Bingham Co., The
1278-98 W. Ninth St. (1)
TO 1-1300
517. Bissett Steel Co.
945 E. 67th St. (3)
EX 1-2090
518. Blakeslee & Co., G. S.
3939 Superior Ave.
EX 1-9088
519. Bliss Co., E. W.
1400 Brookpark Rd. (9)
SH 1-9000
520. Boston Gear Works
1702 St. Clair Ave.
MA 1-5140
521. Bracher, C. V.
3153 Fairmount Blvd. (18)
FA 1-5742
522. Bradford Sales & Engineering Co.
4500 Euclid Ave. (3)
523. Brady Co., W. H.
2000 Warrensville Center Rd. (21)
EV 2-5090
524. Braeburn Alloy Steel Corp.
2325 St. Clair Ave. (14)
MA 1-4412
525. Brandes, Inc., C. O.
4900 Euclid Ave. (3)
HE 1-0414
526. Bridgeport Brass Co.
1921 E. 119th St. (6)
527. Briggs Filtration Co.
4209 W. 150th St. (35)
WI 1-9500
528. Brightboy Industrial Div.
21755 Brookway Dr.
P. O. Box 4738 (26)
RE 4-1332
529. Briney, J.
3600 W. 210th St. (26)
530. Bristol Brass Corp., The
1448 E. 49th St. (3)
EX 1-5612
531. Bristol Co., The
8905 Lake Ave. (2)
AT 1-6924
532. Brock Tool of Cleveland
2108 W. Superior Viaduct (12)
533. Brown, Paul
2355 Lee Rd.
FA 1-8594
534. Brown & Sharpe Manufacturing Co.
1577 W. 117th St. (7)
LA 1-4684
535. Bruning Co., Inc., Charles
1815 E. St. Clair Ave. (14)
536. Brush Beryllium Co., The
4301 Perkins Ave.
EN 1-5400
537. Bullard Co., The
16828 Kinsman Rd. (20)
WA 1-7070
538. Burgmaster Ohio Sales
14706 Detroit Ave.
AC 6-7030
539. Burke Agency, Inc., E. F.
17002 Miles Ave. (28)
WY 1-8272
540. Burke, T. G.
18216 Landseer Rd. (19)
KE 1-0122
541. Calvert Co., N. W.
1743 Chester Ave. (14)
TO 1-2675
542. Carborundum Co., The
24800 Lakeland Blvd. (32)
RE 1-8600
543. Carll Co., The C. L.
3537 Lee Rd.
LO 1-7400
544. Carlson-Rutledge Co.
4500 Euclid Ave. (3)
HE 1-7722
545. Carlton, Gordon W.
1910 Seneca Dr. (17)
IV 1-4184-1-1020
546. Carpenter Steel Co., The
1515 Hamilton Ave. (14)
PR 1-4384
547. Carrier Corp.
2203 Superior Ave. (14)
TO 1-6640
548. Century Electric Co.
16115 Puritas Ave. (35)
OR 1-2900
549. Chain Belt Co.
550 Terminal Tower Bldg. (13)
CH 1-4325-1-3385
550. Champion Rivet Co.
Harvard Ave. and E. 108th St.
551. Chandler & Fisher Co.
12808 Triskett Rd. (11)
552. Chandler Chemical Co.
1965 E. 66th St. (3)
UT 1-2552
553. Chaney, Allen B.
14820 Detroit Ave. (7)
AC 6-1106
554. Chase Brass & Copper Co.
4000 Chester Ave.
P. O. Box 1407, Station B (3)
HE 2-2300
555. Chemical Rubber Co., The
2310 Superior Ave. (14)
556. Chicago Pneumatic Tool Co.
1643 Superior Ave. (14)
MA 1-8065
557. Chicago Rawhide Manufacturing Co.
13125 Shaker Sq.
SK 1-3663
558. Chisholm-Moore Holst Div.
3030 Euclid Ave. (15)
EX 1-2200
- 558A. Christensen, Miller & Nulick
22480 Shore Center Ave. (23)
559. Cincinnati Milling & Grinding
Machines, Inc.
3625 Lee Rd. (20)
SK 2-2000
560. Circo Equipment Co.
1501 Euclid Ave. (15)
SU 1-9892
561. City Blue Printing Co.
1010 Euclid Ave. (15)
CH 1-7347
562. Clark, A. B.
10705 Lake Ave. (2)
AC 1-9020
563. Clark Controller Co., The
13878 Cedar Rd.
ER 1-3600

SALES OFFICES

OHIO

CLEVELAND (cont.)

564. Clark Machinery
1235 St. Clair Ave. (14)
MA 1-4779
565. Cleveland Automatic Machine Co.
3091 Mayfield Rd. (18)
FA 1-4670
566. Cleveland Chemical Branch
4500 Euclid Ave. (3)
HE 1-9896
567. Cleveland Duplex Machinery Co., The
1495 Warrez (13)
AC 6-4740
568. Cleveland Electric Labs. Co.
1988 E. 66th St.
569. Cleveland Grinding Machine Co., The
1643 Eddy Rd. (12)
570. Cleveland Hobbing & Machine Co.
1311 Chardon Rd. (17)
KE 1-3240
571. Cleveland Industrial Equipment Sales Co.
4500 Euclid Ave. (3)
HE 1-8640
572. Cleveland Metallurgical Supply
3537 Lee Rd. (20)
WA 1-3370
573. Cleveland Pneumatic Industries
3781 E. 77th St. (5)
574. Cleveland Pump & Supply Co.
Rockefeller Bldg. (13)
CH 1-1843
575. Cleveland Saw & Manufacturing Co.
1173 E. 58th St.
HE 1-4211
576. Cleveland Tool and Supply Co., The
1427-37 W. Sixth St. (13)
CH 1-8485
577. Cleveland Tramrail Webb Div.
488 E. 105th St. (8)
UL 1-2161
578. Cleveland Universal Jig Co.
13404 St. Clair Ave. (10)
MU 1-2600
579. Clinton Industrial Sales Co.
2230 S. Overlook Rd. (6)
CE 1-2951
580. Clough Co., Joseph B.
12417 Cedar Rd. (6)
ER 1-3222
581. Collins Co., H. G.
3894 W. 140th St. (11)
582. Colson Corp., The
2036 E. 22nd St., (15)
CH 1-0628
583. Columbia Tool Steel Co.
1640 St. Clair Ave. (14)
MA 1-1783
584. Commercial Electric Co.
1250 St. Clair Ave., Northeast
CH 1-2885
585. Cook Co., The Elmer C.
15209 Detroit Ave. (7)
AC 1-3242
586. Copper and Brass Sales, Inc.
7711 Grand Ave. (4)
EN 1-6757
587. Corundum Co., Inc.
19600 St. Clair Ave. (19)
IV 6-3233
588. Cosa Corp. of Ohio
3315 Brookpark Rd. (34)
SH 9-2115
589. Crane Packing Co.
10623 Chester Ave. (6)
SW 1-4950
590. Critchlow Woodworking
400 Lakeside Ave., Northwest (13)
MA 1-4955
591. Cuno Engineering Corp.
4511 Brookpark Rd. (29)
ON 1-1900
592. Curtis Sales Corp.
3231 Warrensville Center Rd. (22)
SK 2-0225
593. Cutting Tools, Inc.
16809 Euclid Ave. (12)
IV 1-3737
594. D-M-E Corp.
502 Brookpark Rd. (9)
SH 1-9282
595. Danly Machine Specialties, Inc.
11400 Brookpark Rd. (30)
SH 9-2500
596. Davenport Co., David W.
5713 Euclid Ave. (3)
597. Davis Tool Co.
7220 Associate Ave. (9)
598. Davis Transmission Co.
4170 E. 116th St.
VU 3-7936
599. Day & Maddock Co., The
8201 Almira Ave., Southwest (2)
WO 1-1771
600. Dayton Perforators, Inc.
11360 Brookpark Rd. (30)
SH 9-4660
601. De Laval Separator Co., The
3100 Wooster Ave. (16)
ED 1-7778
602. Delco Products Div.
20950 Center Ridge Rd. (16)
ED 1-8821
603. Denison Engineering Div.
5530 State Rd. (34)
FL 1-4040
604. deSanno & Son, Inc., A. P.
2775 Pittsburgh Ave. (15)
TO 1-1974
605. Desco, Inc.
13231 Euclid Ave. (12)
PO 1-3688
606. Desall Tool and Supply Co.
735 Prospect Ave. (13)
607. Detrex Chemical Industries, Inc.
859 Leader Bldg.
CH 1-3765
608. DeVilbiss Co., The
4008 E. 89th St. (5)
BR 1-6065
609. Devitt, W. Clark
8905 Lake Ave. (2)
OL 1-5353
610. Diehl Manufacturing Co.
2117 Superior Ave. (14)
MA 1-4852
611. Dingle-Clark Co., The
1246 Engineers Bldg. (14)
TO 1-6470
612. Diversey Corp., The
412 Park Bldg. (14)
CH 1-6281
613. DoAll Cleveland Co.
4705 Brookpark Rd. (34)
SH 9-2528
614. Doerr, Jr., Frank L.
19611 Cherry Wood La. (28)
WY 1-5302
615. Dorsey Gage Co., Inc.
616. Dow Chemical Co., The
Terminal Tower (13)
TO 1-5825
617. Dow Corning Corp.
3592 Lee Rd. (20)
WY 1-1900
618. Dudley Co., C. J.
16801 Euclid Ave. (12)
IV 6-1800
619. Duncan, Paul A.
1934 Sagamore Dr. (17)
KE 1-0221
620. Eaton Manufacturing Co.
Marshall Bldg. (13)
PR 1-8165
621. Eberwine Co., T. R.
13231 Euclid Ave. (12)
GL 1-8090
622. Electro Refractories & Abrasives
19611 Cherry Wood La. (28)
WY 1-5302
623. Empire Tool Co.
8905 Lake Ave. (2)
624. Engle Co., J. R.
1900 Euclid Ave. (15)
SU 1-5550
625. English Co., R. L.
15113 St. Clair Ave.
UL 1-1644
626. Equipment for Industry
7702 Carnegie Ave. (3)
UT 1-2216
627. Erie Equipment Co.
16161 Euclid Ave. (12)
628. ESNA
3100 Wooster Rd. (16)
ED 1-4225
629. Ex-Cell-O Corp.
1213 W. Third St. (13)
TO 1-5900-1-5901
630. Excelsior Stamp Works Co.
415 Eagle Ave. (15)
631. Fafnir Bearing Co., The
25000 Euclid Ave. (17)
AN 1-0600
632. Fairbanks, Morse & Co.
3000 W. 117th St. (11)
CL 1-3300
633. Federal-Mogul Div.
6600 Metta Ave. (3)
634. Federal Products Corp.
650 S. Green Rd. (21)
EV 1-7270
635. Finishers Supply
2193 W. 26th St. (13)
CH 1-8434
636. Finnicum & Associates, J. L.
4500 Euclid Ave., Room 236 (3)
HE 1-7477
637. Firth Sterling, Inc.
2601 St. Clair Ave. (14)
TO 1-5180
638. Fisher, N. R.
3478 W. 180th St. (11)
639. Fluid Power Engineering Co.
5451 Broadview Rd. (9)
FL 1-1199
640. Fotheringham, A. Y.
Box 823 (22)
SK 1-1455
641. Fraser Tool Supply Co., Inc., T. J.
13413 Euclid Ave. (12)
LI 1-0408
642. Freundlich, Richard
4500 Euclid Ave. (3)
HE 1-8640
643. Fuller Co., The Fred W.
1010 Euclid Bldg. (15)
CH 1-6556
644. Fuller Merriam Co., The
P. O. Box 2693 (7)
SU 1-6322
645. G. S. Equipment Co.
15583 Brookpark Rd. (11)
CL 2-4774
646. Gahr Machine Co.
19199 St. Clair Ave. (19)
KE 1-0053
647. Gamble, H. Q.
Cleveland Hopkins Airport
Bldg. S-21 (35)
WI 1-7756
648. Garco Machinery, Inc.
21000 St. Clair Ave. (18)
KE 1-9126
649. Gardner-Denver Co.
3088 W. 117th St. (11)
WI 1-1340
650. Gardner Machine Co.
1213 W. Third St. (13)
SU 1-2088-1-2089
651. Garlock Packing Co., The
1276 W. Third St. (13)
MA 1-0310
652. Gates Co., The A. J.
1255 E. 12th St. (14)
CH 1-1164
653. General Electric Co.
4966 Woodland Ave. (4)
EN 1-4464
654. General Electric Co.
Nela Park, Noble Rd.
KE 1-0400
655. General Supply Co.
15583 Brookpark Ave. (3)

SALES OFFICES

OHIO

656. Geometric-Horton
1300 Trisket Rd. (11)
CL 1-5235
657. Gerding, O. H.
P. O. Box 7286 (29)
TU 4-5992
658. Gery, Joseph R.
18711 St. Clair Ave.
IV 6-0282
659. Gilles Machinery Co.
812 Huron Rd. (15)
PR 1-6900
660. Gisholt Machine Co.
14812 Detroit Ave. (7)
LA 1-5442
661. Gluntz Brass and Aluminum Foundry
10805 Harvard Ave. (5)
MI 1-3573
662. Golden & McCoy Machinery Co.
4900 Euclid Bldg. (3)
HE 1-3748
663. Goodman, Frank
1720 Beaconwood Rd. (21)
EV 2-0593
664. Gordon Co., Claud S.
2035 Hamilton Ave. (14)
665. Gray Industrial Supply, Inc.
1134 St. Clair Ave. (14)
PR 1-6297
666. Great Lakes Tool Supply, Inc.
3782 Ridge Rd. (9)
WO 1-5150
667. Greenfield Tap & Die Corp.
13000 Triskett Rd. (11)
CL 1-5235
668. Greenwald Co., J. A.
11614 Madison Ave.
LA 1-5384
669. Grof Manufacturing Co.
703 Citizens Bldg. (14)
670. Groleau Co., J. L.
8905 Lake Ave. (2)
OL 1-7077
671. Grosser, Herman G. J.
5259 Mayfield Rd. (24)
HI 2-3114
672. Grossman, Jr., George W.
14124 Lorain Ave. (11)
WI 1-9695
673. Grund, Inc., Henry L.
Bulkley Bldg. (15)
CH 1-7336
674. Hackett-Ohio Co.
11626 Clifton Blvd. (2)
ME 1-6540
675. Haines Tool Co., The
6536 Carnegie Ave.
HE 1-9775
676. Handy & Harman
4402 W. 215th St. (26)
ED 3-2166
677. Hannifin Co.
17325 Euclid Ave. (12)
KE 1-3090
678. Hanson-Van Winkle-Munning Co.
20950 Center Ridge Rd. (16)
ED 1-3954
679. Harmon, George
6445 Kingsdale Rd. (30)
680. Harnischfeger Corp.
815 Superior Ave., Northeast (14)
CH 1-1793
681. Harshaw Scientific Div.
1945 E. 97th St. (6)
682. Hawley Industrial Sales, Inc.
9113 Prince Ave. (5)
DI 1-8866
683. Haynes Stellite Co.
1300 Lakeside Ave. (14)
MA 1-4204
684. Heald Machine Co.
3669 Lee Rd. (20)
WY 1-6300
685. Henger-Fairfield Co.
1812 Columbus Rd. (13)
CH 1-1018
686. Henry Co., E. G.
4733 Broadway Ave.
687. Heppenstall Co.
506 Terminal Tower (13)
CH 1-5260
688. Herrick Co., C. B.
2000 Center St., Northwest (13)
CH 1-6185
689. Hevi-Duty Electric Co.
14900 Detroit Ave. (7)
AC 1-0333
690. HiCarb Corp.
534 E. 200th St. (19)
KE 1-1780
691. Hildebrandt, Jr., S. D.
Howard Johnson Bldg.
8905 Lake Ave. (2)
OL 1-6900
692. Hillis Equipment Co.
6535 Carnegie Ave.
EX 1-4735
693. Hird & Son
P. O. Box 2855 (18)
ED 1-7272
694. Hirsch Co., The Sidney L.
6020 Euclid Ave. (3)
EX 1-8811
695. Hi-Speed Tool & Supply Co.
6607 Carnegie Ave. (3)
EX 1-6888
- 695A Hobart Welders Sales & Service
3500 Prospect Ave.
696. Hodell Chain Co.
3924 Cooper Ave. (3)
EN 1-1409
697. Hodson Machinery Co., L. W.
25000 Euclid Ave. (17)
AN 1-1500
698. Hogan & Associates, J. R.
3560 E. 93rd St.
VU 3-6767
699. Holden Engineering Co.
2108 Payne Ave. (14)
CH 1-0573
700. Houghton & Co., E. F.
4500 Euclid Ave. (3)
EN 1-83567-68
701. Howell Electric Motors Co.
4500 Euclid Ave. (3)
EX 1-1326-1-1327
702. Hydromatic Metal Finishing, Inc.
2175 Columbus Rd. (13)
SU 1-5835
703. IBM Corp.
944 Society for Savings Bldg. (14)
PR 1-2166
704. I-T-E Circuit Breaker
11800 Shaker Blvd. (20)
SK 2-4330
705. Ideal Industries, Inc.
1105 Chester Ave. (14)
SU 1-5941-1-4244
706. Industrial Distributors, Inc.
3136 W. 25th St. (9)
SH 9-0900
707. Industrial Models, Inc.
1220 W. Sixth St.
SU 1-8368
708. Industrial Products Sales, Inc.
19615 W. Lake Rd. (16)
ED 1-6888
709. Industrial Service, Inc.
1437 W. 25th St. (13)
SU 1-3553
710. Ingersoll-Rand Co.
4506 Chester Ave. (3)
EX 1-9889
711. Instrument Service & Equipment, Inc.
3519 W. 117th St. (11)
OR 1-4102
712. Janssen, Frank B.
6007 Euclid Ave. (3)
HE 1-0787
713. Jarvis Corp.
1231 Main Ave. (13)
SU 1-6340
714. Jay Instrument & Specialty Co.
11510 Madison Ave. (2)
AC 1-4940
715. Jeffery & Son Machinery Co.
21000 St. Clair Ave. (17)
KE 1-8825
716. Jergens Tool Specialty Co.
712 E. 163rd St. (10)
IV 6-2100
717. Jessop Steel Co.
1501 Euclid Ave.
MA 4197
718. Joel Co., Inc.
1911 Carter Rd. (13)
719. Johns Co., Edgar F.
13005 Littleton Rd. (25)
MO 2-4434
720. Johnson Co., Alfred F.
14820 Detroit Ave. (7)
LA 1-3650
721. Johnson Bronze Co.
6208 Euclid Ave. (3)
EN 1-1210
722. Johnson Co., T. C.
2796 Woodhill Rd.
SW 1-2090
723. Jones & Lamson Machine Co.
25000 Euclid Ave., Room 105 (17)
RE 2-7070
724. Jones & Laughlin Steel Corp.
Union Commerce Bldg. (14)
MA 1-7866
725. Jubell Associates
3407 Warrensville Center Rd. (22)
WA 1-1490
726. Kaiser Aluminum & Chemical Sales, Inc.
55 Public Sq. (13)
SU 1-3000
727. Karlson Co., K. E.
3537 Lee Rd. (20)
WA 1-3876
728. Karoly, Otto
Hotel Alcazar
FA 1-7831-FA 1-5400
729. Kay Co., W. H.
4040 Mayfield Rd. (21)
KV 1-3441
730. Kearney & Trecker Corp.
Euclid Ave. and E. 17th St. (15)
PR 1-3600
731. Kebe & Co., A. M.
2000 Warrensville Center Rd. (21)
EV 2-4455
732. Kemp, J. H.
11304 Lorain Ave. (11)
733. Kennametal, Inc.
4616 Heidler Rd.
(Willoughby, Ohio)
WH 2-8800
734. Kerns Co., L. R.
2195 S. Green Rd. (21)
EV 1-9610
735. Kimball Co.
2170 E. 18th St. (15)
736. Kindt-Collins Co., The
12651 Elmwood Ave. (11)
737. King Instrument Co.
5771 Ridge Rd.
P. O. Box 7283 (29)
TU 4-3450
738. Kline & Associates, P. M.
2636 E. 22nd St. (15)
CH 1-1171
739. Kress Co., Robert W.
21055 Lorain Ave. (26)
ED 1-6460
740. L. and C., Inc.
5685 Pearl Rd. (29)
TU 4-8600
741. Lagran Products
1470 Chester Ave. (14)
MA 1-5879
742. Lakeside Machinery Sales, Inc.
1311 St. Clair Ave.
SU 1-4400
743. Lamson & Sessions Co.
5000 Tiedeman Rd. (9)
744. Landis Machine Co.
1950 Lee Rd. (18)
YE 3-6094
745. Landis Tool Co.
1213 W. Third St. (13)
SU 1-0622-1-0623
746. Lax Industrial Products, Inc.
4228 Lee Rd. (28)
WY 1-7700

SALES OFFICES

OHIO

CLEVELAND (cont.)

747. Leeds & Northrup Co.
1922 E. 107th St. (6)
SW 1-5108
748. Lees-Bradner Co., The
12120 Elmwood Ave. (11)
OR 1-2208
749. Left Electric Co., The H.
2101 Payne Ave.
TO 1-7400
750. Leland Electric Co., The
4500 Euclid Ave., Rm. 213 (3)
HE 2-0114
751. Le Roi Div.
4796 W. 35th St. (9)
SH 9-1353
752. Levin Associates & Co.
6252 Mayfield Rd.
HI 2-8346
753. Lewis Co., M. L.
4594 W. 214th St. (26)
ED 1-5352
754. Lewis Sales Co., W.
1303 Hayden Ave.
MU 1-6608
755. Lima Electric Motor Co., Inc., The
8905 Lake Ave. (2)
OL 1-7180
756. Lincoln Lubricating Systems, Inc.
4500 Euclid Ave. (3)
EX 1-4334
757. Lindberg Engineering Co.
1414 Victoria Ave. (7)
AC 1-5576
758. Linde Co.
1300 Lakeside Ave. (14)
MA 1-4202
759. Littell Machine Co., F. J.
20800 Center Ridge Rd.
ED 3-1555
760. Lloyd Gage and Tool Co., The
7016 Euclid Ave. (3)
EN 1-5709
761. Long, Roger M.
5250 Wilson Mills Rd. (24)
HI 2-5800
762. Lox Industrial Products
4228 Lee Rd. (28)
763. Lucas Machine Div.
12302 Kirby
764. Lukens Steel Co.
1201 Citizens Bldg. (14)
MA 1-9116
- 764A. Lyon Metal Products, Inc.
2012 W. 25th St., Room #407 (13)
765. M. & S. Sales Co.
4654 S. Hills Dr. (9)
ON 1-4266
766. Macco Products Co., The
7906 Richard Rd.
Broadview Hgts. (24)
JA 6-7065
767. Mac-It Parts Co.
4900 W. 227th St. (26)
RE 4-0363
768. Magnaflex Corp.
3317 Prospect Ave. (15)
769. Magnethermic Corp.
14820 Detroit Ave. (7)
AC 1-6440
770. Mahr Manufacturing Co.
29249 Bollingbrook Rd. (24)
TE 1-8961
771. Mallory & Co., Inc., P. R.
22700 Shore Center Dr. (23)
RE 2-9290
772. Manning, Maxwell & Moore, Inc.
14812 Detroit Ave. (7)
773. Manufacturers Sales Co.
3211 W. 117th St. (11)
CL 2-0633
774. Manufacturers Supply Co.
2640 Carnegie Ave. (15)
MA 1-8570
775. Marathon Electric Manufacturing Corp.
NBC Bldg.
815 Superior Ave., Northeast (14)
CH 1-8862
776. Marlin-Rockwell Corp.
1836 Euclid Ave. (13)
MA 1-1137
777. Martin Co., S. B.
17305 Miles Ave. (28)
LO 1-5365
778. Martin & Durbin, Inc.
1277 E. 12th St. (14)
SU 1-1112
779. Material Handling Equipment Corp.
3471 W. 140th St.
780. Matthews & Co., Jas. H.
1251 Haverston Rd. (24)
PR 1-2020
781. Maurey Manufacturing Corp.
3200 Lakeside Ave. (14)
MA 1-2242
782. Mau-Sherwood Supply Co.
800 Lime Rd.
Foot W. Ninth St. Ramp
TO 1-4500
783. McBeth Machinery Co.
22700 Shore Center Dr. (23)
RE 1-8300
784. McClaskey, Jr., William C.
10081 Ridgewood Dr. (30)
785. McClelland Co., W. B.
3119 Chadbourne Rd. (20)
WY 1-1333
786. McCreery and Son, H. L.
3567 E. 49th St. (5)
HK 1-1100
787. McIntyre, J. W.
11200 Madison Ave. (2)
AC 1-4560
788. McKean, J. A.
8905 Lake Ave. (2)
ME 1-4160
789. McManamon, Tom
8905 Lake Ave.
790. McQuown Co., Robert W.
6523 Euclid Ave. (3)
HE 1-8470
791. Meier Transmission Supply Co., Inc.
4415 Perkins Ave. (3)
UT 1-0444
792. Merit Machinery, Inc.
760 Hippodrome Blvd. (15)
793. Metal Carbides Corp.
1010 Euclid Ave. (15)
PR 1-2020
794. Metallurgical Products Dept.
4707 Euclid Ave. (3)
HE 2-2650
795. Methods Machinery Co.
1030 National City Bank Bldg. (14)
MA 1-2280
796. Michigan Abrasive Co.
23818 E. Silsby Rd. (21)
797. Micromatic Hone Corp.
21139 Lorain Rd.
Fairview Park (26)
ED 1-7972
798. Microseal Sales Co.
3305 Croton Ave. (15)
799. Mid-West Abrasive Co.
24230 Miles Rd. (28)
800. Midwestern Rubber Co.
1000 Lakeside, Northeast
CH 1-4983
801. Milan Tool Co.
8989 Brookpark Rd. (29)
ON 1-1078
802. Miller Co., George D.
3204 St. Clair Ave., (14)
MA 1-1667
803. Millers Falls Co.
2142 Payne Ave.
804. Milligan & Fouts Co.
4614 Prospect Ave. (3)
EN 1-2425
805. Milne & Co., Inc., A.
11110 Avon Ave. (5)
BR 1-3635
806. Minnesota Mining & Manufacturing Co.
12200 Brookpark Rd. (30)
CL 2-4300
807. Misco, Inc.
3567 E. 49th St. (5)
808. Mock, Don
316 E. 255th St. (32)
RE 1-0171
809. Modco Tools Div.
9200 Buckeye Rd.
SW 1-5092
810. Monarch Machine Tool Co., The
3091 Mayfield Rd. (18)
FA 1-3500
811. Moore Industrial Sales
7016 Euclid Ave. (3)
HE 1-5712
812. Moore Products Co.
23680 Lakeland Blvd. (23)
AN 1-2250
813. Morgan, David
1491 Maple Gr. (31)
814. Morgan, Warren R.
1911 Carter Rd. (13)
TO 1-7979
815. Morris, S. G.
7829 Euclid Ave. (3)
HE 1-7788
816. Morris, Terrence
12703 Triskett Rd. (11)
CL 2-3131
817. Morrison Co.
4119 Prospect Ave. (3)
EX 1-6767
818. Morse Chain Co.
12703 Triskett Rd. (11)
CL 1-4664
819. Motch & Merryweather Machinery Co.
1250 E. 22nd St. (17)
IV 6-3690
820. Moulton, C. F.
3109 Mayfield Rd. (18)
YE 2-6360
821. Mueller Brass Co.
2335 E. 22nd St. (15)
CH 1-6926-6-7
822. Myers Tool Service
15601 St. Clair Ave. (10)
LI 1-7121
823. National Acme Co., The
170 E. 131st St. (8)
GL 1-9080
824. Nelson Stud Welding
2012 E. 46th St. (3)
EN 1-2019
825. Neumayer, A. G.
316 Marion Bldg. (13)
SU 1-6053
826. New Britain-Gridley Machine Div.
12302 Kirby Ave. (8)
827. New Departure Div.
20950 Center Ridge Rd. (16)
ED 1-3525
828. Newell, III, John
20475 Farnsleigh Rd., Southeast (22)
829. New Jersey Zinc Co., The
1007 National City Bank Bldg. (14)
830. Niagara Machine & Tool Works
6333 York Rd. (30)
TU 6-0330
831. Nook & O'Neill, Inc.
2515 Payne Ave. (14)
SU 1-9060
832. Norma-Hoffmann Bearing Corp.
3030 Euclid Ave. (15)
UT 1-1682
833. Norton Co.
1306 E. 55th St. (3)
834. Oakite Products, Inc.
850 Euclid Ave. (14)
CH 1-0672
835. Ohio Equipment Co., Inc.
1658 St. Clair Ave. (14)
CH 1-5577
836. Ohio Hydro Deburring Co.
10926 Avon Ave. (5)
VU 3-8131

OHIO

837. Ohio Seamless Tube
3733 Lee Rd. (20)
WY 1-4200
838. Oilgear Co., The
3109 Mayfield Rd. (18)
FA 1-7878
839. Oliver-Ingalls Associates, Inc.
1857 E. 17th St. (14)
MA 1-8797
840. Olsen Co., John O.
16201 Shaker Blvd. (20)
WY 1-2624
841. O'Neill & Co., Vaughn
19332 Riverview Ave. (16)
ED 1-0495
842. Orban Co., Inc., Kurt
Marion Bldg.
1276 W. Third St. (13)
PR 1-5465
843. Osborn Manufacturing Co., The
5401 Hamilton Ave. (14)
EN 1-1900
844. Outterson Co., The Gil
15104 Detroit Ave. (7)
AC 1-8666
845. P. M. S. Co.
1315 Main Ave.
1571 Merwin Ave. (13)
846. Pahlr Sup. Co., Arnold P.
1571 Merwin Ave. (13)
847. Palmer Bearing Co.
4210 Euclid Ave.
848. Pangborn Corp.
9802 Euclid Ave. (6)
SW 1-2770
849. Pannier Corp., The
402 Ten-Ten Euclid Bldg. (15)
PR 1-6574
850. Paquin Co.
13405 St. Clair Ave.
UL 1-4100
851. Park Chemical Co.
19106 Southgate Rd.
Warrensville Hgts. (22)
LO 1-8072
852. Parker Rust Proof Co.
1246 W. 70th St. (2)
OL 1-1566
853. Parks Machinery Co.
4040 Mayfield Rd. (21)
EV 2-3068
854. Pattison Supply Co., The W. M.
777 Rockwell Ave. (14)
MA 1-7320
855. Peninsular Steel Co., The
2222 Lakeside Ave. (14)
CH 1-6262
856. Persons, C. B.
1009 Professor Rd. (24)
EV 2-3097
857. Petrie, John A.
P. O. Box 4537
5767 Mayfield Rd. (24)
HI 2-5530
858. Pfeil, Inc., Elmer W.
624 Engineers Bldg. (14)
MA 1-0560
859. Pfister Co., A. O.
25010 Lakeland Blvd. (32)
860. Phillips Industrial Products
1435 E. 17th St.
861. Pierce Co., George F.
623 Penton Bldg. (13)
CH 1-3520
862. Pinchot, Robert
2614 Groveswood
Parma (34)
SH 1-4268
863. Platers Supply Co.
2059 Hamilton Ave. (14)
864. Peninsular Grinding Wheel
2325 St. Clair Ave. (14)
SU 1-8266-7
865. Pneu-Hydraulic, Inc.
5421 Fleet Ave.
DI 1-7654
866. Pneumatic Power Equipment Corp.
2012 W. 25th St. (13)
SU 1-9822
867. Porter, E. Douglas
P. O. Box 3012 (17)
IV 1-4800
868. Porter-Cable Machine Co.
1465 St. Clair Ave.
SU 1-1320
869. Power Transmission Sales
24 N. Main St. (13)
CH 1-2065
870. Pratt & Whitney Co., Inc.
13801 Enterprise Ave. (35)
OR 1-7216
871. Precision Grinding Wheel Co., Inc.
14812 Detroit Ave. (7)
AC 1-2870
872. Precision Rubber Products Corp.
807 E. 222nd St. (23)
RE 1-4160
873. Proctor Co., Stanley M.
1900 Euclid Ave. (15)
PR 1-0350
874. Product Handling Equipment Co.
608 Western Reserve Bldg. (13)
SU 1-4984
875. Production Equipment Sales, Inc.
10526 Wilbur Ave. (6)
876. Production Heating Equipment Co.
13231 Euclid Ave. (12)
PO 1-3733
877. Production Service Co.
10003 Memphis Ave. (9)
ON 1-8500
878. Production Tool Co.
2479 Lee Blvd. (18)
YE 2-1881
879. Product Corp., The
13620 Enterprise Ave. (35)
CL 2-1535
880. R. & C. Supply Co.
2775 Pittsburg Ave. (15)
881. Rampe Manufacturing Co.
14915 Woodworth Ave. (10)
MU 1-2800
882. Rapisten of Cleveland, Inc.
1366 E. 45th St. (3)
EX 1-6850
883. Reed Rolled Thread Die Co.
4500 Euclid Ave. (3)
UT 1-0751
884. Reeves Pulley Co.
13967 Cedar Rd. (18)
FA 1-7880
885. Reichhold Chemicals, Inc.
1901 Terminal Tower Bldg. (13)
PR 1-7399
886. Reineck, C. H.
17138 Lorain Ave. (11)
CL 1-8535
887. Reliance Electric and Engineering Co.
24701 Euclid Ave. (17)
RE 2-7600
888. Remington Arms Co., Inc.
1299 Union Commerce Bldg. (14)
PR 1-7847
889. Renton & Co., R. W.
877 Addison Rd. (3)
890. Research Instruments, Inc.
12410 Triskett Rd. (11)
WI 1-0324
891. Reserve Industrial Supply Co.
16521 Euclid Ave. (12)
KE 1-8835
892. Resistoflex Corp.
19615 W. Lake Rd. (16)
ED 1-1170
893. Revere Copper and Brass, Inc.
14700 Detroit Ave. (7)
894. Reynolds Co., Hal W.
2902 Euclid Ave. (15)
CH 1-7036
895. Reynolds Machinery Co.
3701 Carnegie Ave. (15)
EN 1-3745
896. Reynolds Metals Co.
3826 Euclid Ave. (15)
UT 1-8070
897. Rice, David Y.
19560 Center Ridge Rd. (16)
ED 3-2233
898. Richard, L. O.
760 Hippodrome Bldg. (15)
SU 1-5135
899. Ripley, Bowron & Church
3537 Lee Rd. (20)
SK 1-1223
900. Robboy Electric Manufacturing Co.
5900 Euclid Ave. (3)
EN 1-5160
901. Rogers Co., B. W.
1279 E. 12th St. (14)
SU 1-2530
902. Rupert-Ryan Co.
5420 McBride Ave. (27)
MI 1-4070
903. Ryerson & Son, Inc., Joseph T.
Box 6208 (1)
HE 2-1411
904. Ryman's Sons, Frank
860 Leader Bldg. (14)
905. Safety Clothing and Equipment Co.
1990 E. 69th St. (3)
906. Sandvik Steel, Inc.
8650 Brookpark Rd. (29)
ON 1-3205
907. Satullo Co., The
16801 Euclid Ave. (12)
908. Sauerbrunn, Philip E.
316 Marion Bldg.
SU 1-1855
909. Sayle, D. B.
The Agents Bldg.
3537 Lee Rd. (20)
LO 1-8440
910. Scanlon, J. T.
21055 Lorain Rd.
911. Schubert, Don
P. O. Box 2630 (7)
912. Schumacker Co., George P.
1120 Chester Ave. (14)
913. Schwartz, E. C.
1254 French Ave. (7)
BO 2-9166
914. Sciaky Bros., Inc.
421 Bulkeley Bldg. (15)
PR 1-0060
915. Scott & Steffen, Inc.
1836 Euclid Ave., (15)
TO 1-2626
916. Scott-Tarbell, Inc.
2261 E. Fourteenth St. (16)
PR 1-0031
917. Scurlock, James L.
11200 Madison Ave. (2)
AC 1-4560
918. Sealander & Co., C. G.
580 E. 200th St. (19)
IV 6-5555
919. Selas Corp. of America
1925 Lee Rd. (18)
FA 1-6800
920. Servisales Co.
12417 Cedar Rd. (6)
ER 1-0054
921. Sharon Steel Corp.
1809 Union Commerce Bldg. (14)
922. Sheffield-Cleveland Corp.
1000 Brookpark Rd. (9)
ON 1-9070
923. Shell Chemical Corp.
1296 Union Commerce Bldg. (14)
TO 1-8096
924. Shell Oil Co.
P. O. Box 5818
55 Public Sq. (1)
PR 1-4466
925. Shields Equipment Co.
13409 Lakewood Heights Blvd. (7)
OR 1-3240
926. Shomer Co., J. A.
1951 W. 112th St.
AC 1-4157
927. Sims Co., The V. E.
8905 Lake Ave. (2)
OL 1-6107
928. Skil Corp.
3038 Payne Ave. (14)
MA 1-8136
929. Slife & Associates, Inc., R. M.
2754 Woodhill Rd. (4)

SALES OFFICES

OHIO

CLEVELAND (cont.)

930. Smith, George H.
13700 Shaker Blvd., Apt. 509 (20)
SK 2-0527
931. Smith, Roger
12705 Triskett Rd. (11)
CL 2-3131
932. Spangle Supply Co.
1424 E. 25th St. (14)
SU 1-3966
933. Special Tool Co.
12205 Euclid Ave. (6)
SW 1-7750
934. Spencer Co., Frank A.
1229 Huron Rd.
SU 1-2121
935. Sperry Products, Inc.
4521 Brook Park Rd. (29)
FL 1-4500
936. Stahl, Walter P.
2540 N. Moreland Blvd. (20)
CE 1-6017
937. Stamets Co., William K.
410 Leader Bldg. (14)
MA 1-5124
938. Standard Conveyor Co.
3511 Granton Ave. (11)
WI 1-4646
939. Stanley Supply Co.
3208 Sweeney Ave. (27)
BR 1-1733
940. Steel & Wire Machinery Co.
15457 Euclid Ave. (12)
MU 1-7151
941. Sterling Electric Motors, Inc.
22501 Shore Center Dr. (23)
AN 1-1770
942. Sterling Grinding Wheel Co.
2333 St. Clair Ave. (14)
PR 1-2313
943. Stevens, Inc., Frederic B.
850 Euclid Ave. (14)
CH 1-0500
944. Stokes Corp., F. J.
2036 E. 22nd St. (15)
SU 1-7130
945. Strange & Sanford Co.
14820 Detroit St.
946. Strong, Carlisle & Hammond Co.
1392 W. Third St. (13)
TO 1-8800
947. Struck, Arthur H.
1836 Wooster
EA 1-8683
948. Stuart Oil Co., Ltd., D. A.
1730 Train Ave. (13)
PR 1-7411
949. Summers Rubber Co., W. H.
4420 Lorain Ave.
WO 1-3800
950. Sun Oil Co.
3200 Independence Rd. (5)
VU 3-6100
951. Sup-R-Die Corp.
2123 Hamilton Ave. (14)
SU 1-3710
952. Superior Cleveland Co.
17570 Lake Shore Blvd. (19)
KE 1-2366
953. Surface Combustion Corp.
212 Heights Rockefeller Bldg. (18)
FA 1-5844
954. Swift Co., E. C.
3723 Lee Rd. (20)
WA 1-1340
955. Syntrol Cleveland Sales Co.
17403 Harvard Ave. (28)
SK 1-1225
956. Taft-Peires Manufacturing Co., The
10304 Dale Ave. (11)
CL 2-4268
957. Telco, Inc.
4030 Superior Ave.
EN 1-8200
958. Tepitz & Co., Harvey
671 Sycamore Dr.
RE 1-5678
959. Terry Machinery Co.
Central National Bank Bldg.
5620 Broadway (27)
BR 1-2666
960. Therm-O-Hio
18609 St. Clair Ave. (10)
IV 6-2550
961. Thomas, Wm G.
13619 Enterprise Ave.
962. Thompson, C. H.
19484 N. Sagamore Rd.
CH 1-2929
963. Thompson, R. H.
6007 Euclid Ave. (3)
HE 1-2433
964. Thor Power Tool Co.
1674 E. 40th St. (3)
EN 1-8242
965. Threadwell Tap & Die Co.
1000 Brookpark Rd. (9)
ON 1-9070
966. Timken Roller Bearing Co., The
3605 Lee Rd.
Shaker Hgts. (20)
WY 1-6100
967. Tocco Div.
3800 Harvard Ave. (5)
DI 1-2300
968. Tomlinson Steam Specialty Co.
1599 St. Clair Ave. (14)
PR 1-4168
969. Tool Crib, Inc., The
601 E. 117th St. (8)
PO 1-0137
970. Tool Specialists, Inc.
3578 Fulton Rd. (9)
SH 1-1645
971. Tool Supply Co.
6626 St. Clair Ave. (3)
EX 1-2330
972. Tooling Sales Associates
2138 Lee Rd. (18)
YE 2-3882
973. Torrington Co., The
8905 Lake Ave. (2)
OL 1-0260
974. Towner Co., V. L.
4511 Brookpark Rd. (34)
ON 1-1900
975. Townsend Co.
1028 Leader Bldg. (14)
MA 1-9864
976. Tracey & Co., F. M.
1229 Manor Park (7)
AC 1-2440
977. Tramer Co., Gilbert
1217 Main Ave. (13)
PR 1-2751
978. Tri-State Machinery, Inc.
2036 E. 22nd St. (15)
MA 1-8062
979. Uddeholm Co. of America, Inc.
4540 E. 71st St.
DI 1-1110
980. Udyllite Corp., The
4408 Carnegie Ave. (3)
HE 1-7909
981. Union Carbide Plastics Co.
1300 Lakeside Ave., Northeast (14)
MA 1-4202
982. Union Twist Drill Co.
17304 Pearldale (35)
WI 1-9589
983. U. S. Carbide Tool Sales, Inc.
5633 Brecksville Rd. (31)
LA 4-2968
984. U. S. Electrical Motors, Inc.
3202 St. Clair Ave. (14)
TO 1-7188
985. Universal-Cyclops Steel Corp.
5708 Schaaf Rd.
Independence Village (31)
LA 4-4444
986. Universal Electric Sales Corp.
3537 Lee Rd.
WY 1-9222
987. Universal Valve & Fitting Co.
1790 E. 43rd St. (3)
988. Urban, Jack D.
10321 Avon Ave. (5)
HE 2-3106
989. Ursem Co., F. & W.
1548 W. 117th St. (7)
LA 1-9136
990. Valenite Metals Div.
9200 Buckeye Rd.
SW 1-3092
991. Vanadium-Alloys Steel Co.
2121 St. Clair Ave. (14)
PR 1-0246-7
992. Varcoe Co., E. L.
14016 Lake Shore Blvd.
KE 1-6521
993. Veeder-Root, Inc.
12417 Cedar Rd., Rm. 15 (6)
ER 1-3344
994. Verson Allsteel Press Co.
5530 State Rd. (29)
SH 1-3373
995. Vickers, Inc.
2857 Noble Rd. (21)
EV 2-3366
996. Viking Pump Co.
310 Marshall Bldg. (13)
CH 1-0687
997. Waldrip Co., L. H.
3030 Euclid Ave. (15)
EX 1-4242
998. Wales Strippit, Inc.
14011 Castalia Ave. (10)
GL 1-1882
999. Walker & Seed Tool Eng.
14641 Lorain Ave. (11)
OR 1-4244
1000. Walsh, J. E.
4973 Horizon Dr.
Richmond Hgts. (24)
AN 1-0540
1001. Wardrobe Co., T. E.
14910 Harvard Ave.
P. O. Box 7002 (28)
WA 1-6050
1002. Warner & Swasey Co., The
5701 Carnegie Ave. (3)
HE 1-5580
1003. Waterbury Farrel Foundry & Machine
Co., The
3592 Lee Rd. (20)
WY 1-5140
1004. Watson Power Equipment Co.
900 Euclid Ave.
SU 1-6065
1005. Webb-Enston Co.
1121 St. Clair Ave. (14)
1006. Webb Co., Jervis B.
734 Standard Bldg. (13)
CH 1-5265
1007. Webster Manufacturing, Inc.
6007 Euclid Ave. (3)
UT 1-1767
1008. Weirton Steel Co.
524 Superior Ave. (14)
MA 1-5545
1009. Welders Supply, Inc., The
2020 Train Ave. (13)
1010. Wesson Co.
8095 Lake Ave. (2)
OL 1-1616
1011. Whalley Co., The George
4208 Prospect Ave. (3)
UT 1-7676
1012. Wheelabrator Corp.
10111 Euclid Ave.
SW 3-7175
1013. Wheelock, Lovejoy & Co., Inc.
1250 Marquette st. (14)
UT 1-9470
1014. Whitaker Sales, Inc.
1450 E. 33rd St. (14)
MA 1-4844
1015. White Tool & Supply Co.
1235 W. Sixth St.
MA 1-0235
1016. Whitesell, H. W.
737 Guardian Bldg. (14)
1017. Whiting Corp.
617 Pention Bldg. (13)
CH 1-0850
1018. Whitney Machinery Co., J. C.
9051 Brookpark Rd. (29)
FL 1-2092

SALES OFFICES

OHIO

- 1019. Wickman Manufacturing Co.
3134 Euclid Ave. (15)
EX 1-6926
- 1020. Wiese, W. L.
8905 Lake Ave.
AT 1-8268
- 1021. Williams and Co., Inc.
3700 Perkins Ave. (14)
UT 1-5000
- 1022. Wilson Supply Co.
2441 Woodhill Rd. (4)
- 1023. Whittliff, Ted
8905 Lake Ave. (2)
OL 1-7070
- 1024. Wolfenden Welding Supplies, Inc.
3500 Prospect Ave. (15)
- 1025. Wood-Compton Co.
3666 E. 116th St. (5)
SK 1-6123
- 1026. Worthington Corp.
3111 Carnegie Ave. (15)
ED 1-6600
- 1027. Worthington Co., Geo
802-832 St. Clair Ave., Northwest (1)
CH 1-1600
- 1028. Wright, George T.
P. O. Box 2950
19400 Frazier Dr. (16)
ED 1-8656
- 1029. Wyatt Sales Corp.
1900 Euclid Ave. (15)
CH 1-6380
- 1030. Yale & Towne Manufacturing Co.,
The
3560 E. 93rd St. (5)
VU 3-6767
- 1031. Yoder Co., The
5500 Walworth Ave. (2)
ME 1-0530
- 1032. Zenith Engineering Sales Co.
2034 Mayview Ave. (9)

CLEVELAND HEIGHTS

- 1033. Cistone & Associates, R. D.
210 Heights-Rockefeller Bldg. (18)
FA 1-0999
- 1034. Cleveland Ind. Equipment Sales Co.
4500 Euclid Ave. (6)
HE 1-8640
- 1035. Clough Co., Joseph B.
12417 Cedar Rd. (6)
ER 1-3322
- 1036. Duffy, David E.
2601 Wellington Rd.
- 1037. Hazen, Harry L.
3066 Scarborough Rd. (18)
- 1038. Kebe & Co., A. M.
2000 Warrensville Center Rd. (21)
EV 2-4455
- 1039. Leitch, Harry
2936 Corydon
HE 2-3100
- 1040. Martin Rettger, Inc.
3477 Fairmount Blvd. (18)
YE 2-8070
- 1041. McMillan, Ted
982 Englewood Rd. (21)
EV 1-6714
- 1042. N. Y. & N. J. Lubricant Co.
2328 Lambertson Rd. (18)
YE 2-2630
- 1043. Ohio Knife Co., The
2000 Lee Rd. (18)
ER 1-3650
- 1044. Roberts Tool Co.
16317 Glynn Rd. (12)
GL 1-2332
- 1045. Snap-on Tools Corp.
2066 S. Taylor (18)
ER 1-3457
- 1046. Tower Engineering Co.
2138 Lee Rd. (18)
YE 2-6105

COLUMBIA

- 1047. Columbia Supply Co.
P. O. Box 1465
821-823 Gervain St. (1)

COLUMBUS

- 1048. Airborne Instruments Laboratory
2700 E. Main St. (9)
BE 1-6110
- 1049. Allis-Chalmers Manufacturing Co.
1500 W. Third St. (12)
HU 6-2465
- 1050. Aluminum Co. of America
40 S. Third St. Bldg. (15)
CA 4-5251
- 1051. American Brass Co., The
222-223 Beggs Bldg. (15)
- 1051A. Armco Steel Corp.
1820 Northwest Bldg. (12)
- 1052. Armitage and Associates, W.
P. O. Box 6667
BE 5-8728
- 1053. Bearings, Inc.
175 Cleveland Ave. (15)
CA 1-7635
- 1054. Beckett-Harcum Co.
CA 1-5000
- 1055. Bellows Co., The
101 N. High St. (15)
CA 1-0567
- 1056. Bigelow, Inc.
312 W. Town St. (16)
- 1057. Bode-Finn Co.
1820 Frebis Ave.
HI 3-4688
- 1058. Bonded Scale & Machine Co.
2176 S. Third St. (7)
- 1059. Carrier Corp.
2025 Riverside Dr. (21)
- 1060. Central Ohio Equipment Co.
61 E. Goodale St.
- 1061. Clark Controller Co., The
500 Meadoway Park
TU 5-5148
- 1062. Cleveland Tramrail Div.
629 Garrett Dr. (14)
AX 4-3739
- 1063. Col-Mer Co.
949 W. Third Ave. (8)
AX 4-4418
- 1064. Colson Corp.
517 Atlas Bldg. (15)
CA 4-2644
- 1065. Columbus Belting & Supply Co.
197 E. Long St. (15)
CA 4-4291
- 1066. Columbus Hardware Supply
54 E. Gay St.
- 1067. Columbus Industrial Service
4332 Indianola Ave. (14)
- 1068. Columbus Oxygen Co.
876 S. Front St. (6)
- 1069. Columbus Tool Grinding Co.
4332 Indianola Ave. (14)
AM 3-8873
- 1070. Condit Co., Inc., R. E.
499 Bonham Ave. (3)
AX 4-4405
- 1071. Crucible Steel Co.
81 E. State St. (15)
CA 4-6068-EN 9400
- 1072. DeLille Co., W. C.
772 Marion Rd.
GA 1179
- 1073. DeMuth, Andrew A.
1221 S. Champion Ave.
- 1074. Denison Engineering Div.
1182 Dublin Rd. (16)
HU 8-1191
- 1075. Detrex Chemical Industries, Inc.
81 E. State St.
CA 1-8685
- 1076. Eutectic Welding Alloys
206 W. Mound St. (15)
CA 8-1664
- 1077. Fairbanks, Morse & Co.
1034 Goodale Blvd. (8)
AX 1-4629
- 1078. Fisher Associates, Inc., Harry
2266½ E. Main St.
BE 5-8649
- 1079. Gosiger Machinery Co., C. H.
3019 Palmetto St. (4)
BR 4-6016

- 1080. Gregg and Spohn
1738 W. Fifth Ave.
HU 6-1561
- 1081. Hack & Son, Inc., Al
1746 W. Fifth Ave.
HU 8-0679
- 1082. Hanback, V. E.
P. O. Box 6522 (9)
- 1083. Henger-Fairfield Co.
101 N. High St. (15)
CA 4-7510
- 1084. Hiss Stamp Co.
195 E. Long St. (15)
- 1085. Houghton & Co., E. F.
P. O. Box 792
BE 5-8354
- 1086. Industrial Machinery Co.
357 Dublin Ave. (15)
CA 4-3534
- 1087. Irish, Robert
3040 Janwood Dr. (13)
- 1088. Jay Instrument & Specialty Co.
1820 Northwest Blvd. (12)
HU 8-0077
- 1089. Jones & Laughlin Steel Corp.
LeVeque Lincoln Tower (15)
CA 1-3388
- 1090. K. & L. Scientific Co.
230 N. Front St. (16)
- 1091. Kinsey Co., The E. A.
1020 W. Fifth Ave. (8)
AX 1-4683
- 1092. Leeds & Northrup Co.
1465 Northwest Blvd. (12)
HU 6-7146
- 1093. Lincoln Electric Co., The
1221 Chesapeake Ave. (12)
HU 8-4451-8-4544
- 1094. Ludlow Sales & Service
1763-1775 S. High St. (7)
HI 3-7673
- 1095. M-H Sales Co.
P. O. Box 344 (16)
AM 3-5084
- 1096. McKunkin Corp.
P. O. Box 2119
- 1097. McKeevar Electric Supply Co.
212 N. Grant Ave. (15)
CA 1-3168
- 1098. Meeks & Tuthill Saw Co.
301 Short St.
CA 1-3821
- 1099. Metzlish Brothers, Inc.
1889 E. Livingston Ave. (9)
CL 3-7497
- 1100. Merrell-McKinney
2109 N. High St.
P. O. Box 8336, Station A (1)
AX 4-3501
- 1101. Meyer, Donald F.
1516 Doone Rd. (21)
HU 8-6876
- 1102. Morehouse Supplyhouse, Inc.
324 E. Long St. (15)
CA 8-2688
- 1103. National Electric Coil Co.
- 1104. National Refining Co.
1885 Coventry Rd. (12)
- 1105. Ohio Transmission Co., The
866 Parsons Ave.
HI 4-2178
- 1106. Osborne & Sexton Machinery Co.,
The
P. O. Box 58 (16)
MA 5203
- 1107. Oyl-Air Equipment Co.
1258 N. High St. (1)
AX 1-1220
- 1108. Paine, Russell G.
499 E. Royal Forest Blvd.
AM 8-4835
- 1109. Parker, Richard A.
1800 Goodale Blvd.
HU 8-4180
- 1110. Peerless Saw Co.
571 S. Third St.

SALES OFFICES

OHIO

COLUMBUS (cont.)

- 1111. Peterson Co., A. G.
101 N. High St. (15)
CA 8-4459
- 1112. Place Products Sales Co.
700 N. James Rd. (19)
BE 1-4547
- 1113. Purdy Co., F. L.
655 N. Cassady Ave. (3)
FA 4690
- 1114. Reese Tool Sales Co., Inc.
1342 Highland St.
AX 4-1881
- 1115. Reynolds Metals Co.
1364 Grandview Ave. (12)
HU 8-9788
- 1116. Richard Equipment Co.
2130 Arlington Ave. (21)
HU 6-3202
- 1117. Ross-Willoughby Co., The
1400 W. Goodale Blvd. (8)
HU 6-4311
- 1118. Runyan, Robert J.
300 S. Gould Rd. (9)
BE 1-1911
- 1119. Sandel Machinery Co.
1381 Essex Ave. (3)
UN 3020
- 1120. Scott Equipment Co.
2527 N. High St. (2)
AM 7-5488-9
- 1121. Seidl, Arthur
371 Berkeley Rd. (5)
CL 8-7791
- 1122. Seifreut-Elstad Machinery Co., The
P. O. Box 5726 (21)
HU 6-7666
- 1123. Service Supply
1188-90 N. Fourth St. (16)
KL 3747
- 1124. Sherry Co., Edward J.
1055 W. Third Ave.
- 1125. Shipley, David G.
Box 3724, Beechwood Sta. (14)
AM 2-1011
- 1126. Smith, C. G.
1556 Cambridge Blvd. (12)
HU 8-7473
- 1127. Smith Bros. Hardware Co., The
580 N. Fourth St. (16)
AD 8131
- 1128. Smith Machinery Co., E. W.
525 N. High St. (15)
CA 4-2278
- 1129. Sun Oil Co.
3499 W. Broad St. (4)
BR 1-9421
- 1130. Supreme Products Corp.
1800 Goodale Blvd.
HU 8-4180
- 1131. Syntro Cincinnati Sales Co.
1384 Grandview Ave. (12)
HU 8-5366
- 1132. U. S. Electrical Motors, Inc.
P. O. Box 4433 (12)
CA 1-6050
- 1133. Vaughan Instrument Service Co.
395 E. Main St. (15)
CA 1-3816
- 1134. Vickers Machine & Tool Co.
Box 696
1394 S. 22nd St. (16)
- 1135. von Maur, J. E.
1500 W. First Ave. (12)
HU 8-5282
- 1136. Vorys Brothers, Inc.
834 W. Third Ave. (8)
AX 4-4701
- 1137. Welding Supply Service
855 W. Third Ave. (8)
AX 4-1697
- 1138. Werkhaven & Son, William
2630 N. High St.
- 1139. White, Walter R.
956 College Ave. (9)

- 1140. Wigglesworth Machinery Distributors,
Inc., T. R.
2373 Summit St. (2)
AM 8-9450
- 1141. Williams Co., R. C.
1654 Doone Rd. (21)
HU 8-1811
- 1142. Williams, R. L.
P. O. Box 2811 (4)
BR 6-3918
- 1143. Williams and Co., Inc.
900 Williams Ave. (8)
AX 4-1622
- 1144. Wood Co., C. R.
325 Short St. (5)
CA 8-3336
- 1145. Woodall Sales & Service Co.
4720 Musket Wy. (4)
TR 8-5621
- 1146. Worch Machinery Co., F. E.
2049 Westover Rd. (12)
HU 8-6233

CONNEAUT

- 1147. Mucci, Donald J.
524 Lakeview Ave.

COSHOCOTON

- 1148. Universal-Cyclops Steel Corp.
MA 2-5551

CUYAHOGA FALLS

- 1149. Clafin, Howard
1951 Tudor St.
WA 8-1794
- 1150. Elgin National Watch Co.
1862 Hanover St.
WA 8-7318
- 1151. Garco Machinery, Inc.
1734 24th St.
SW 4-3747
- 1152. Hanlon Allied Tool Co.
1138 Chestnut Blvd.
- 1153. Kendall Co., Inc., W. T.
2240 W. Broad Blvd.
WA 8-3636-8-1935
- 1154. Nancarrow, Ferris
1029 Falls Ave.
WA 8-5770
- 1155. Reeves Pulley Co.
2475 State Rd.
WA 4-9711
- 1156. Reliance Electric and Engineering Co.
2475 State Rd.
WA 4-9711
- 1157. Rice, David Y.
1951 Tudor St.
WA 8-1704
- 1158. Tri-Co Tool Sales
1471 Main St.
WA 3-5211

DAYTON

- 1159. Acheson Colloids Co.
627 Salem Ave., Suite 40 (6)
CR 7-3042
- 1160. Adams and Co., C. O.
2412 Far Hills Ave. (19)
AX 9-2960
- 1161. Ahlers, Milton
1404 Pinecrest Dr. (14)
CR 4-9941
- 1162. Airborne Instruments Lab.
410 W. First St. (2)
BA 2-7483
- 1163. Air Reduction Sales Co.
Sellars Rd. at Springboro Pike (1)
AX 8-5201
- 1164. Allegheny Ludlum Steel Corp.
1270 McCook Ave. (4)
BA 2-8386
- 1165. Allen-Bradley Co.
3070 Far Hills Ave. (29)
AX 8-6121
- 1166. Allis-Chalmers Manufacturing Co.
11 W. Monument Ave. (2)
BA 8-2174
- 1167. Aluminum Co. of America
207 Northtown Arcade (5)
CR 7-6531
- 1168. Anchor Rubber Co.
840 S. Patterson Blvd. (2)
BA 3-5191
- 1168A. Armco Steel Corp.
2801 Far Hills Ave. (19)
- 1169. Associates Co.
318 Beverley Pl. (19)
- 1170. Atasco, Inc.
1928 E. Siebenthaler Ave. (4)
CR 5-7441
- 1171. Auerhammer Tool Supply Co.
P. O. Box 5, Station D (10)
BA 3-6294
- 1172. Automation Accessories, Inc.
1208 N. Main St.
P. O. Box 515, Riverdale Sta. (5)
BA 8-2443
- 1173. Baerbach & Associates, W. W.
127 E. Second St. (2)
BA 3-7652
- 1174. Barrymount Corp., The
39 N. Torrence St.
CL 4-1311
- 1175. Bearings, Inc.
608 S. Jefferson St. (2)
HE 3721
- 1176. Beckett-Harcum Co.
BA 8-6093
- 1177. Bellows Co., The
333 W. First St.
BA 4-2971
- 1178. Beryllium Corp., The
410 W. First St.
BA 8-1496
- 1179. Bliss, Co., E. W.
1254 Stanley Ave.
- 1180. Borden, W. J.
5132 Pensacola Blvd. (39)
AX 8-4990
- 1181. Bortwick-Braun Co.
Corner of Summit and Monroe Sts.
- 1181A. Brandenburg Machinery Co.
2600 Far Hills Ave. (19)
- 1182. Breen Co., James L.
1151 Brookview
AX 3-4045
- 1183. Bridgeport Brass Co.
4 S. Main St. (2)
- 1184. Bristol Brass Corp. of Ohio, The
1607 S. Broadway (8)
FU 8185
- 1185. Buckeye Tools Corp.
5005 Springboro Pike
P. O. Box 966 (1)
- 1186. Button, Don
318 Beverly Pl. (19)
- 1187. Carpenter Steel Co., The
229 Leo St. (4)
BA 4-7456
- 1188. Cavender, Walter
P. O. Box 201, N. Dayton Sta.
409 Troy St. (5)
BA 3-3663
- 1189. Central Ohio Equipment Co.
410 W. First St.
- 1190. Columbus Belting & Supply Co.
912 Cincinnati
BA 3-9169
- 1191. Condit Co., Inc., R. E.
P. O. Box 365
10 State St. (1)
BA 2-1147
- 1192. ConRay Electro-Mechanical Corp.
29 W. Apple St. (2)
BA 2-5626
- 1193. Continental Technical Service, Inc.
19 W. Fourth St. (2)
BA 3-8175
- 1194. Cook & Associates, Chas. W.
627 Salem Ave., Room 127 (6)
CR 5-3231
- 1195. Crandall Co.
49 Park Ave. (9)
AX 3-3159
- 1196. Crucible Steel Co.
4 N. Main St. (2)
BA 8-1182
- 1197. D-M-E Corp.
558 Leo St. (4)
BA 6-2584

SALES OFFICES

OHIO

1198. Danly Machine Specialties, Inc.
3196 Delphos Ave. (17)
AM 3-3525
1199. Dayton Abrasive Products, Inc.
733 Windham St. (4)
1200. Dayton Industrial Supply Co.
45 Catherine St.
BA 6-2761
1201. Dayton Stencil Works
113 E. Second St. (2)
1202. Dayton Supply & Tool Co.
520 E. First St. (1)
BA 2-6355
1203. Delco Products Div.
Woodman Dr. (1)
CL 2-6511
1204. Denison Engineering Div.
2801 Far Hills Ave.
AX 3-3367
1205. Denton & Anderson Co., The
3740 Salem Ave.
CR 7-9327
1206. Diers Co., George H.
1200 Third National Bank
HE 4078
1207. Dills Supply Co.
200 Wayne Ave. (2)
BA 2-5537
1208. DoAll Dayton Co.
570 Leo St. (4)
BA 6-2768
1209. Donovan Co., The Pat
53 Park Ave. (9)
AX 3-5651
1210. Downing, James
503 Delaware
CR 8-1213
1211. Eilers, Jr., J. J.
2877 Far Hills Ave. (9)
WA 1128
1212. Elgin National Watch Co.
4325 Shroyer Rd. (29)
AX 8-6438
1213. Englert, Herbert L.
4030 Larkspur Dr.
CR 4-4136
1214. Fenton Foundry Supply Co.
134 Gilbert Ave.
1215. Field Abrasive Manufacturing Co., Inc.
1303 Stanley Ave. (4)
1216. Firth Sterling, Inc.
137 N. Main St.
BA 3-4251
1217. Flack Equipment Co.
1240 McCook Ave. (1)
AD 8121
1218. Frey Equipment Co.
909 Irving St. (9)
AX 3-2109
1219. Geisler Co., Inc., H. D.
1228 McCook Ave. (4)
BA 4-7445
1220. General Electric Co.
11 W. Monument Bldg. (2)
BA 3-1263
1221. General Electric Co.
2600 Far Hills Ave. (19)
AX 3-3171
1222. Gerner Robert
3851 Tait Rd.
AX 8-4591
1223. Gisholt Machine Co.
2676 Salem Ave. (6)
CR 7-4871
1224. Gorman Co., John M.
P. O. Box 62, Riverdale Sta. (5)
CR 5-7639
1225. Gosiger Machinery Co., C. H.
108 McDonough St. (2)
BA 8-5174
1226. Greene & Associates, Walter F.
419 W. First St.
1227. Greer Hydraulics, Inc.
25 S. Main St.
BA 2-6743
1228. Guile Co.
526 S. Ludlow (2)
1229. H. & H. Co., The
3508 Glaser Dr. (9)
AX 9-6905
1230. Hackney Co., W. W.
53 Park Ave. (19)
AX 9-3589
1231. Hanson, Andy M.
500 Cushing Ave. (29)
1232. Hanson-Van Winkle-Munning Co.
53 Park Ave. (19)
AX 8-1445
1233. Hardinge Brothers, Inc.
70 Stratford Ave. (2)
BA 4-6762
1234. Hardy & Associates
1401 Hulman Bldg.
BA 2-1265
1235. Harnischfeger Corp.
53 Park Ave. (19)
AX 3-2272
1236. Hawk Co., E. C.
600 Wayne Ave. (10)
FU 8155
1237. Hayes Tools, Inc.
710 S. Main St. (2)
BA 3-6291
1238. Heald Machine Co.
11 W. Monument Ave. (2)
BA 8-4100
1239. Henger-Fairfield Co.
401 Commercial Bldg. (2)
AD 6724
1240. Hofferberth Machinery Co., H. E.
P. O. Box 91, Davel Sta.
1111 Ashland Ave. (10)
CL 3-7287
1241. Holtson Machinery Co.
46 Douglas Ave. (3)
1242. Hospelhorn Tool & Supply
217 Wonderly Ave.
P. O. Box 36, Far Hills Sta. (19)
AX 3-2346
1243. Hunting Co., Donald B.
1904 Brown St. (9)
BA 2-7441
1244. Hydraulic Accessories
3301 Klepinger Rd. (1)
OR 9564
1245. Industrial Material Handling Co.
P. O. Box 104, N. Dayton Sta.
1246. Industrial Products Sales, Inc.
363 W. First St. (2)
BA 4-3523
1247. Instrument Service Engineering Labs.
1205 Lamar St. (4)
BA 3-2241
1248. Isaacs Co., The
2676 Salem Ave. (15)
CR 5-6141
1249. Jack & Heintz, Inc.
2640 St. Charles Ave. (10)
CL 4-4181
1250. Jacoby, Byron
5299 Cynthia La.
AX 9-2165
1251. Jay Instrument & Specialty Co.
195 Maple St.
UN 6-5151
1252. Jones Co., H. A.
P. O. Box 34, Dayton View Sta. (6)
HE 8246
1253. Jones, William A.
1857 Wayne Ave. (10)
CL 3-1814
1254. Jones & Laughlin Steel Corp.
333 W. First St. (1)
BA 3-8185
1255. Jones Machinery Co.
300 N. Broadway at Edison (2)
HE 5411
1256. Kepler Co.
1403 Holly Ave. (20)
CL 6-6083
1257. Kerns Co., L. R.
136 W. Second St.
BA 8-4485
1258. Kiefaber Co., The W. H.
40 Keowee St. (1)
1259. Kinsey Co., The E. A.
16 Washington St. (2)
BA 3-9185
1260. Klin Co., Richard M.
1339 Third National Bldg.
P. O. Box 446 (1)
BA 2-3043
1261. Kniess Saw Co., Geo.
124 S. Hedges St.
KE 3-2532
1262. Kuntz Co., J. R.
1226 McCook Ave. (4)
BA 4-0359
1263. Larkin Co., M. D.
P. O. Box 1013
115-35 E. Third St.
1264. Latrobe Steel Co.
923 Webster St.
BA 3-7221
1265. Leis, Charles
3054 Belleflower St. (9)
AX 9-8492
1266. Leland Electric Co.
1501 Webster St. (1)
BA 4-0701
1267. Lincoln Electric Co., The
2420 Far Hills Ave. (19)
AX 9-7300
1268. Long, M. A.
3214 Kyle (9)
OX 0273
1269. Lord Manufacturing Co.
349 W. First St. (2)
BA 4-0351
1270. Lumpkin, W. T.
201 Marathon (5)
CR 7-3427
1271. Macco Products Co., The
1104 Far Hills Ave. (19)
AX 9-5371
1272. Mac-it Parts Co.
1159 Belvoir Ave. (9)
AX 9-7201
1273. Mallory & Co., Inc. P. R.
2412 Far Hills Ave. (19)
AX 9-5505
1274. Martin Electric Co., The
310 E. Second St. (2)
BA 8-5141
1275. Materials Handling Systems
1701 Webster St. (4)
BA 2-6758
1276. McClellan, John E.
4890 Rittenhouse Dr. (24)
BE 3-3002
1277. Miami Industrial Trucks, Inc.
2031 S. Broadway
1278. Miller, F. L.
5499 Brandt Pike (24)
BE 3-3654
1279. Milne & Co., Inc., A.
2230 E. River Rd. (39)
AX 8-3511
1280. Monnier Machinery Co.
733 S. Main St.
BA 6-2753
1281. Mosier Co., K. C.
628 S. Ludlow St. (2)
BA 4-9805
1282. Motch & Merryweather Machinery Co.
1305 American Bldg. (2)
BA 2-7846
1283. Mulford, John P.
Box 603, Far Hills (19)
AX 3-5076
1284. Non-Ferrous Castings Co., Inc.
736 Albany St. (8)
BA 8-2361
1285. Norris Engineering
P. O. Box 86, Far Hills Sta. (9)
1286. North West Supply Co.
10 N. Kilmer St. (17)
1287. Ohio Metal & Manufacturing Co.,
300 W. Findley St.
1288. Ohio Seamless Tube Div.
3740 Salem Ave. (6)
CR 7-9327
1289. Ohmer & Associates, Frederic L.
P. O. Box 2013, Kettering Branch (10)
WA 4530
1290. Ohmer, George H.
P. O. Box 34, Station D (10)
1291. Oil Co., Walter R.
2420 Far Hills Ave. (9)
AX 8-4051

SALES OFFICES

OHIO

DAYTON (cont.)

- 1292. Ozalid Branch Office
1480 Melrose Ave. (9)
AX 9-4512
- 1293. Paquin Co.
630 Brandt St. (4)
BA 3-2283
- 1294. Peninsular Steel Co., The
401 Kiser St. (4)
BA 3-3121
- 1295. Production Engineering Sales Co.
2003 N. Main St. (5)
CR 7-8741
- 1296. Product Corp., The
3632 Delphos Ave. (7)
AM 8-1631
- 1297. Ramaley, J. D.
P. O. Box 2075, Kettering Branch (39)
- 1298. Rawlings, J. S.
1430 Chadwick Dr. (6)
CR 4-2612
- 1299. Reed-Prentice Div.
1862 Nash Ct. (39)
AX 9-0231
- 1300. Reese Tool Sales Co., Inc.
409 Ridgewood Ave. (9)
YO 1818
- 1301. Reliance Electric and Engineering Co.
1206 S. Main St. (9)
BA 3-9121
- 1302. Resistoflex Corp.
11 W. Monument Bldg. (2)
BA 2-4033
- 1303. Revere Copper and Brass, Inc.
Box 3056, Overlook Branch
3898 Linden Ave. (31)
- 1304. Reynolds Metals Co.
305 Eleven W. Monument Bldg. (2)
BA 2-6344
- 1305. Richard Equipment Co.
41 Springfield St. (3)
CL 3-2195
- 1306. Richie & Associates, C. K.
3236 Little York Rd. (14)
TW 8-3283
- 1307. Riker, Richard E.
P. O. Box 487 (1)
- 1308. Rosan, Inc.
131 N. Ludlow St. (2)
BA 3-2289
- 1309. Rosenberger, Lyman R.
4111 Midway Ave. (17)
- 1310. Roto-Finish Co.
617 W. Riverview Dr.
- 1311. Row-Con, Inc.
Dabel Sta. 3 (10)
CL 3-9152
- 1312. Ruco, Inc.
P. O. 515, Far Hills Branch (9)
- 1313. Scholey, H. E.
2603 N. Main St. (5)
CR 3-1244
- 1314. Scott Equipment Co.
272 Leo St. (4)
BA 3-8141
- 1315. Seifert-Elsad Machinery Co., The
P. O. Box 586
2600 Far Hills Bldg. (10)
AX 3-3107
- 1316. Selas Corp. of America
2118 Salem Ave.
CR 4-5492
- 1317. Sharon Steel Corp.
2600 Far Hills Ave. (9)
- 1318. Sheffield Central Sales Co.
P. O. Box 893 (1)
CL 4-5377
- 1319. Sinclair-Collins Valve Co.
3602 Linden Ave. (10)
CL 3-9157
- 1319A. Smit & Sons of Michigan, Inc., J. K.
P. O. Box 897
Riverdale Station
- 1320. Snodgrass, Gene
P. O. Box 194 (1)
BA 4-6558

- 1321. Sterling Electric Motors, Inc.
4887 Glencross Rd. (16)
CR 7-2862
- 1322. Stokes Corp., F. J.
3070 Far Hills Ave. (29)
AX 8-8931
- 1323. Sun Oil Co.
1708 Rita St. (4)
BA 6-1341
- 1324. Syntrol Cincinnati Sales Co.
901 Irving St. (9)
AX 8-6341
- 1325. Technengineering Sales, Inc.
3 Cushing Ave. (29)
AX 9-0011
- 1326. Teplitz & Co., Harvey
3543 Cornell Dr.
CR 7-9178
- 1327. Thal-Mor Associates,
11 W. Monument Ave. (2)
HE 9661
- 1328. Thone, F. S.
2412 Far Hills Ave. (9)
AX 9-5955
- 1329. Touschard, George
50 Park Ave. (19)
AX 8-6901
- 1330. Tower Engineering Co.
3898 Linden Ave. (32)
CL 6-0931
- 1331. Transmission, Inc.
1041 S. Patterson Blvd. (2)
BA 2-1244
- 1332. Trebnik, A.
1919 Smithville Rd. (10)
OL 1319
- 1333. Union Storage Co.
10 S. Conover St. (2)
EM 1871
- 1334. Universal Cyclops Steel Corp.
1120-1122 25th St. (2)
BA 2-7451-82
- 1335. Valvair Corp.
3602 Linden Ave. (10)
CL 3-9157
- 1336. Walker Co., E. E.
1517 E. Third St. (3)
BA 2-6209
- 1337. Wallar, Stanley E.
3521 Harvard Blvd. (6)
- 1338. Warner & Swasey Co., The
633 Hulman Bldg. (2)
BA 8-3581
- 1339. Weatherwax, Gillette A.
1920 Rustic Rd. (6)
CR 5-1571-BA 2-8541
- 1340. Weiler Welding Co.
324 E. Second St. (2)
BA 8-5186
- 1341. Wesline Sales Co.
725 S. Main St. (2)
BA 4-2851
- 1342. Wesson Co.
502 Shiloh Dr. (15)
CR 4-0577
- 1343. White Co., Horace S.
BR 4-2491
- 1344. Whitesell & Associates, R. O.
2600 Far Hills Ave.
AX 8-4261
- 1345. Wick & Son, W. M.
301 E. Stroop Rd. (29)
- 1346. Wood Co., Henry M.
384 W. First St.
FU 1271
- 1347. Woodall Sales & Service Co.
3070 Far Hills Ave. (29)
AX 9-3151

DEFIANCE

- 1348. Manufacturers Supply Co.
106 Clinton St.
Phone: 6-1050

DIAMOND

- 1349. Miller Electric Manufacturing Co., Inc.
R. F. D. #1
8751 Akron Youngstown Rd.
OL 4-2859

DUBLIN

- 1350. Blanton, C. P.
138 Longview Dr.
TU 9-8818

EAST CLEVELAND

- 1351. Kraber, Charles
1863 Hastings Ave. (12)
GL 1-2184
- 1352. Kraber, Robert L.
1877 Stanwood Rd. (12)
GL 1-8314
- 1353. Lewis Sales Co., W.
1303 Hayden Ave. (12)
- 1354. Rollway Bearing Co., Inc.
15776 Euclid Ave. (12)
LI 1-6220

EAST MASSILLON

- 1355. Hardware & Supply Co., The
4335 Lincoln Wy.
GR 7-6221

EATON

- 1356. Kaeuper, W.
410 Aukerman St.
EA 759

ELYRIA

- 1357. Detrex Chemical Industries, Inc.
222 S. Abbe St.
Phone: 6-7121
- 1358. Elyria Belting & Machinery Co.
Box 755
- 1359. Industrial Tool Service
2071 Rosewood (7)
EM 6-7973
- 1360. Klingensmith & Associates, B. C.
212 High St.
P. O. Box 691
SU 1-5135
- 1361. Riehme, Heinz
2071 Rosewood (7)
- 1362. Sexton, John M.
308 N. Olive St.
EM 6-2613
- 1363. Weatherhead Co., The
1013 West Ave.
FA 2-1477
- 1364. Western Automatic Screw Co.
P. O. Box 280
FA 3-3341

EUCLID

- 1365. Baird, M. T.
1761 Sagamore Dr. (17)
KE 1-4670
- 1366. Busher, Robert
23211 Lakeshore Blvd. (23)
RE 1-7692
- 1367. Carlton Tool Co.
1910 Seneca Dr. (17)
IV 1-1020
- 1368. Chamberlin Co., R. W.
19870 Seminole Dr.
IV 1-3326
- 1369. Electro-Sales Associates
281 E. 216th St. (23)
RE 2-7444
- 1370. Motch & Merryweather Machinery Co. The
1250 E. 22nd St. (17)
KE 1-6300
- 1371. Myers, R. L.
1641 E. 276th St. (32)
RE 1-2065
- 1372. Schott, Wallace F.
1951 Seneca (17)
EV 1-4160

FAIRBORN

- 1373. Nickerson & Son, Paul R.
201 Mann Ave.
TR 8-4057

SALES OFFICES

OHIO

FAIRVIEW PARK

1374. Barnstead, R. I.
22293 Fairlawn Cir.
RE 4-3688

FINDLAY

1375. Brehm, Jr., C. M.
P. O. Box 637
Phone: 6453
1376. France, Harold
1515 W. View Dr.
GA 2-8600
1377. National Refining Co.
GA 2-4511
1378. Ohio Conveyor & Supply Co.
1310 N. Main St.
GA 2-3825

FOSTORIA

1379. Fostoria Pressed Steel Corp.
1200 N. Main St.
HE 5-7721

FRANKLIN

1380. Boullain, George
Box 285
1406 Springboro Rd.
SH 6-7043

FREMONT

1381. Huber, Henry
M. R. 20
FE 2-1632
1382. Yerges Manufacturing Co., The

GALION

1383. Lucas Supply Co.
132 S. Market St.
HO 8-2048

GARFIELD HEIGHTS

1384. Vereb, Steve J.
4619 E. 93rd St. (25)

GOLF MANOR

1385. Buchanan Supply Co., William
6314 Wiehe St. (13)

GRANVILLE

1386. Derr, B. A.
Granview Rd.
JU 2-6171

GROVE CITY

1387. Morganthall, F. J.
3681 Brookgrove Dr.
TR 5-5504

HAMILTON

1388. Anschuetz Machinery Co.
1500 Park Ave.
GA 1-3777 (Cincinnati)
1389. Benson, Carl
4060 Pleasant Ave.
TW 4-8842
1390. Fischer Hardware & Supply, Inc.
20 N. Third St.
1391. Jackson Associated Sales, Inc.
1109 Chase Ave.
TW 5-7602
1392. Verson Allsteel Press Co.
4716 Snythony Wayne Ave.
TW 5-2242
1393. Weaver, C. E.
4223 Cincinnati-Brookville Rd.
R. R. #4, Box 106
FE 6-5651 (Shandon)

HOLLAND

1394. Karl Keefer Cutting Tools
303 Madison
LU 7-4700

HUBBARD

1395. Erie Equipment Service, Inc.
630 W. Liberty

HUDSON

1396. Chubbuck, George F.
Box 531
OL 3-5388
1397. Hedler, Ernest E.
1398. Keystone Reamer & Tool Co.
1399. Lyon, Joseph H.
Box 341
OL 3-5757
1400. Remington Arms Co., Inc.
1506 W. Prospect St.
OL 3-2066
1401. Stoddard, Larry
152 Hudson St.
HU 195

HURON

1402. Fiala, Ralph
144½ W. Lake Rd.
WO 7-3393

KENT

1403. Kent Tool Service
136 N. Water St.
OR 3-5855
1404. Polymer Corp. of Penna., The
230 E. Main St.
WY 1-7474 (Cleveland)

KENTON

1405. Durez Plastics Div.
P. O. Box 168
Phone: 4076

KETTERING

1406. Dutcher, Jack L.
3837 Tait Rd. (29)
AX 8-1161
1407. Fitzwater, William
4441 Darwin Ct. (29)
AX 8-4166
1408. Reese Tool Sales, Inc.
555 W. David Rd. (29)
AX 8-1818

LA GRANGE

1409. Noble Equipment Co.
Box 67
GL 8-4651

LAKEWOOD

1410. Cleveland Duplex Machinery
1495 Warren Rd. (7)
BO 2-4740
1411. Eastwood, A. C.
2331 McKinley Ave. (7)
AC 1-7552
1412. Ipsen Industries, Inc.
15017 Detroit Ave. (7)
AC 1-9500
1413. King Co., Robert R.
1297 Mariows Ave. (7)
AC 6-5600
1414. Lakewood Tool & Supply
1409 Lakeland Ave. (7)
AC 1-4820
1415. Nitza, Robert
P. O. Box 508 (7)
LA 1-6986
1416. Petzinger Engineering Co.
17803 Lake Ave. (7)
AC 6-6060
1417. Rumbarger, J. C.
2073 Riverside Dr. (7)
LA 1-7812
1418. Sharritts & Co., John A.
2052 McKinley Ave. (7)
BO 2-9300
1419. Sinclair-Collins Valve Co.
13322 Madison Ave. (7)
LA 1-5234

1420. Stoyanoff, Edward
2121 Eldred Ave. (7)
SU 1-6322
1421. Valvair Corp.
13322 Madison Ave. (7)
LA 1-5234
1422. Wapakoneta Machine Co., The
1253 Donald Ave. (7)
AC 1-9936

LANCASTER

1423. Raedell, T.
124 N. Columbus

LIMA

1424. Bearings, Inc.
142 S. Elizabeth St.
CA 9-2060
1425. Clevenger Co., Inc.
226-238 E. McKibben St.
1426. Crites, George U.
2119 W. Spring St.
1427. Detrex Chemical Industries, Inc.
Broadway and Vine Sts.
Phone: 2-8655
1428. Ex-Cell-O Corp.
951 Williams St.
P. O. Box 29
CA 9-9015
1429. Kuhn Co., Art
804 National Bank Bldg.
Phone: 6-2891
1430. Lennox Tool & Machine Builders
651 N. Baxter St.
CA 6-5015
1431. Lima Armature Works, Inc.
142 E. Pearl St.
CA 2-4010
1432. McKee Tool & Supply Co.
925 N. Jameson Ave.
CA 2-5080
1433. Mitchell, Harry B.
1935 Fairland Dr.
MI 5-5532
1434. Siferd, Gene
471 McPherson Ave.
P. O. Box 331
CA 9-9526
1435. Siferd Hossellman Co., The
129-199 W. Elm St.
CA 6-0015
1436. Spring, Don
2113 Bentz Rd.
1437. Steele's Automotive Parts, Inc.
406 W. Market St.
1438. Utility & Industrial Supply Co.
268 E. Pearl St.
Phone: 5-6080

LISBON

1439. National Screw & Manufacturing Co.

LOCKLAND

1440. Wahl Co., A. C.
121 Mill St. (15)
VA 1-3270

LORAIN

1441. Edes, Nicholas
4875 Ivanhoe Ave.
Sheffield Lake
1442. Kohlmyer Supply Co.
3009 Pearl Ave.
BR 7-8288

LOVELAND

1443. Whitehead, Russell S.
Fields Ertel Rd.
R. R. #4, Box 783
SY 1-2902 (Cincinnati)

MADEIRA

1444. Allied Tool Products
P. O. Box 545
LO 8745

SALES OFFICES

OHIO

MADEIRA (cont.)

1445. Automation Accessories, Inc.
8150 Camargo Rd.
LO 1-8198
1446. Pratt Co., Ray W.
P. O. Box 36

MANSFIELD

1447. Detrex Chemical Industries, Inc.
320 N. Mulberry St.
LA 4-7811
1448. Mansfield Hardware & Supply Co., The
70 N. Foster St.
LA 2-2911
1449. Mansfield Rubber Stamp Co.
55 N. Diamond St.
1450. Morris, S. G.
2139 S. Main Rd.
LA 2-9703
1451. North Central Ind. Supply Co., The
345 Park Ave., East
1452. Rice, David Y.
666 Glendale Blvd.
SK 6-2206
1453. Stone-Ohio Sales Co.
61 Brentwood Rd.
LA 2-4162
1454. Tenney Tool & Supply Co.
64 Surrey Rd.
LA 2-2711

MAPLE HEIGHTS

1455. Hart, Thomas F.
5243 Homewood St. (37)
MO 2-7262

MARIETTA

1456. Detrex Chemical Industries, Inc.
311 Gilman St.
FR 3-3286

MARION

1457. Cornell Equipment & Supply
287 Forest Lawn Blvd.
P. O. Box 304
Phone: 2-3259
1458. Lincoln Electric Co., The
Uhler Bldg., Room 420
Phone: 2-8692
1459. Probst Supply Co.
366 W. Center St.
Phone: 2-2151
1460. Van Atta Supply Co., The
375-77 W. Center St.
Phone: 2-2636

MARTINS FERRY

1461. Dawes Co., James C.
250 N. Zane Hwy.

MASSILLON

1462. Anthony, Charles W.
1116 11th St., Northeast
TE 2-2482
1463. Degenhard Steel Sales, R. A.
25 Charles Ave., Southeast
TE 2-1811
1464. Eaton Manufacturing Co.
25 Charles Ave., Southeast
TE 2-1511
1465. Electro Refrigeration & Abrasives
Corp.
1116 11th St., Northeast
TE 2-2482
1466. Hardware and Supply Co., The
4335 Lincoln Wy., East
GR 7-6221
1467. Holshoy Sales
Canal Fulton Rd.
N. Canton
1468. Midstate Industrial Trucks, Inc.
256 Erie St., South

1469. Mid Western Equipment Co.
P. O. Box 283
428 Erie St., South
TE 2-8624

MASURY

1470. Sharon Steel Corp.
Box 188

MAUMEE

1471. Blain, Emile O.
1242 Shelly Ave.
TW 2-8128

MAYFIELD HEIGHTS

1472. Hines, Joseph S.
1240 Orchard Heights Dr. (24)

MEDINA

1473. Lusker, Richard J.
P. O. Box 181
PA 2-8125

MENTOR

1474. Hathaway, John E.
1126 N. Center St.
BL 5-2334
1475. Smith Sales for Industry
354 Woodside Rd.
BL 7-7433

MOGADORE

1476. Cornwell Quality Tools Co., The

MONTPELIER

1477. Akroline
617 Gould St.
ME 4-5642
1478. Hause Machines, Inc.
809 S. Pleasant St.
Phone: 5-3158

NEWARK

1479. Crebs, F. W.
1053 Granville Rd.
DI 4-2610
1480. Lucas Supply Co.
First and Marekt Sts.
FA 6-6971

NEW HAVEN

1481. New Haven Supply Co.

NEW PHILADELPHIA

1482. Carrothers & Son, R. F.
817 W. High Ave.

NEW RICHMOND

1483. Green, Wilson B.
R. #2, Box 237

NILES

1484. Allen, Robert J.
103 Moreland Rd.

NORTHFIELD

1485. Thomson Manufacturing Co., Judson
L.
57 Aurora Rd.
IM 7-7573

NORTH OLMSTED

1486. Anocut Engineering Co.
23022 Esther Ave.
RE 4-2680
1487. Gleisner, Robert
6103 Fitch Rd.
SP 7-2279
1488. McCue, Bernard J.
25065 Maple Ridge Rd.
SP 7-1298
1489. McKeivey, R. B.
4909 E. Park Dr.
1490. Ohio Diamond Tool Corp.
22525 Lorian Rd.

1491. Richardson Co., The
2773 S Lorain Rd.
TR 1-7180

NORWALK

1492. Bellows Co., The
18½ W. Main St.
Phone: 3-2214

NORWOOD

1493. Tool Designers, Inc.
1776 Lexington Ave. (12)
RE 1-5284

OLMSTED FALLS

1494. Nichols Co., R. W.
24405 W. Bagley Rd.
AD 5-3366

OXFORD

1495. Booth, J. E.
169 Shadowy Hills Dr.
P. O. Box 148
OX 3-4437

PARMA

1496. Biljes, Henry
6409 Manchester Dr. (29)
1497. Haley, Matthew M.
5916 Hollywood Dr. (29)
TU 4-8490-4-8461
1498. Michalek, Walter
6330 Westminster Dr. (29)
TU 6-3384
1499. Miller, R.
5561 Stumpf Rd. (30)
1500. Sarty, Jack
7441 W. Ridgewood Pl. (29)
TU 6-1419

PARMA HEIGHTS

1501. Johnson, R. M.
6375 Sherborn Rd. (30)
VI 2-1191

FAULDING

1502. Grizzly Manufacturing Co.
700 Caroline St.

PERRYSBURG

1503. Industrial Air & Hydraulic
Equipment Co.
308 E. Front St.
1504. Perrysburg Tool Service, Inc.
P. O. Box 162
TR 4-7342
1505. Pound Machine & Tool Co., W. W.
Mandell Rd.
TR 4-4391

PIQUA

1506. Bornell Supply Co., Inc.
135 E. Main St.
1507. McMillan, Thomas
R. R. #3, Box 336
1508. Production Equipment Co.
523 N. Main St.
Phone: 1430

PORT CLINTON

1509. Gropp, Art
P. O. Box 169
Phone: Catala Island 7-2115

PORTSMOUTH

1510. Standard Supplies Co.

RAVENNA

1511. Cory, R. W.
161 Clinton St.
AX 6-9825

ROCKY RIVER

1512. Akerberg, Fred E.
1466 Rockland Ave. (16)
ED 1-6774

SALES OFFICES

OHIO

1513. Berry, William
2344 Westmoor Rd. (16)
ED 1-5294
1514. Burton, H. R.
19910 Hilliard Rd. (16)
ED 1-7109
1515. Eclipse Air Brush Co.
19120 Detroit Rd. (16)
ED 1-8790
1516. Hull & Co., R. O.
1300 Parsons Ct.
ED 1-5100
1517. Kiraly, Alex
P. O. Box 2911
YE 2-6105
1518. Mura, Harlen F.
1839 Wynwood Dr. (16)
ED 1-1447
1519. Nehoda, G. H.
721 Orchard Park Dr.
ED 1-0877
1520. Otta, Griffith
21185 Beechwood Dr. (16)
ED 1-4139
1521. Sheets, Walter S.
2364 Westmoor Rd. (16)
ED 1-9279
1522. Smith & Son, J. Gregory
19120 Detroit Rd. (16)
ED 1-8790

ROSSFORD

1523. National Refining Co.
200 Eagle Point Rd.
EV 2-1900

SALEM

1524. Bliss Co., E. W.
250 Franklin St.
ED 7-3445
1525. Ohio Pump Co.
764 S. Broadway

SANDUSKY

1526. Associated Suppliers, Inc.
121-125 W. Water St.
MA 6-2721
1527. Kendrick, Roland
P. O. Box 150
YE 8-6368

SHAKER HEIGHTS

1528. Cincinnati Milling and Grinding
Machines, Inc.
3625 Lee Rd.
SK 2-2090
1529. Feeder Automation Sales, Inc.
3537 Lee Rd.
LO 1-8030
1530. Leland-Gifford Co.
3601 Traver Rd. (22)
WY 1-2010
1531. Peninsular Grinding Wheel
3537 Lee Rd.
WA 1-8840
1532. Stahura, Richard P.
3537 Lee Rd.
LO 1-8030
1533. Terminal Supply Co.
20121 Van Aken Blvd. (22)
SK 1-1593

SHARRONVILLE

1534. Davis, Ken
11189 Macar Dr.

SIDNEY

- 1534A. Brandenburg Machinery Co.
223 Bon Air Dr.
1535. Dickman Industrial Service, Inc.
310 Main Ave.
Phone: 7015-1
1536. Monarch Machine Tool Co.
1537. Sidney Machine Tool Co.

SOLOM

1538. Bowers, Richard A.
5677 Solon Blvd.
CH 8-5487
1539. Crown Tool & Supply Co., The
34152 Solon Rd.
CH 8-5000
1540. Crucible Steel Co.
31400 Aurora Rd.
CH 8-9400
1541. Johnson Co., F. D.
28815 Aurora Rd.
1542. Maroush, John J.
34886 Cannon Rd.

SOUTH EUCLID

1543. Mapes, William R.
P. O. Box 37 (21)
EV 2-2911
1544. McKee, Cal
3805 Bridgeview Dr.
P. O. Box 31 (21)
EV 1-3839
1545. Wishnek, George
4246 Bexsley Blvd.

SPRINGFIELD

1546. Blakeslee & Co., G. S.
207 Downey Dr.
FA 5-3875
1547. Capen Co., Joseph E.
1030 N. Fountain Ave.
FA 3-8167
1548. Dills Supply Co.
26 S. Yellow Springs St.
FA 5-6441
1549. Gartner, R. L.
4822 Curtis Dr.
1550. Lindsey, L. R.
P. O. Box 774, Vale Rd.
FA 2-4823
1551. Mad River Supply Co.
10 N. Western Ave.
1552. Mitchell Engineering Plant
415 Fair St.
Phone: 5-2495
1553. Rockel Co., J. D.
509 Arcue Bldg.
1554. Rose-Willoughby Co., The
1310 W. Main St.
FA 3-5376
1555. Schultz, E. W.
309 Broadmoor Blvd., South
FA 2-6562
1556. Springfield Machine Tool Co., The
631 W. Southern Ave.
FA 3-8532

STEUDEVILLE

1557. Industrial Supplies Co.
324 N. Seventh St.
1558. Wapakoneta Machine Co., The
502 Woodlawn Rd.
AT 2-1542

TALLMADGE

1559. MacAllied Tools Corp.

TERRACE PARK

1560. Lott, George T.
801 Park Ave.
TE 1-3871

TIFFIN

1561. Motch & Merryweather Machinery
Co.
P. O. Box 416

TOLEDO

1562. Acme Safety Products Co.
1823 Vermont St. (2)
1563. Adler, William H.
3720 Jackman Rd. (12)
GR 5-7211

1564. Ahrendt Co., Inc., Fred
3636 Detroit Ave. (12)
LA 1428
1565. Air Conditioning Distributors
P. O. Box 123, Sta. H (13)
CH 6-0450
1566. Allen-Bradley Co.
1922 Sylvania Ave. (13)
GR 5-2700
1567. Allis Chalmers Manufacturing Co.
245 Summit St. (4)
CH 4-7488
1568. Allis Co., The Louis
1920 Sylvania Ave. (13)
GR 9-6161
1569. Aluminum Co. of America
1801 Owens-Illinois Bldg. (4)
CH 8-3511
1570. B. & T. Associates
3350 Secor Rd. (6)
GR 4-2151
1571. Baker, R. C.
2449 Berdan Ave. (13)
GR 9-6867
1572. Barbeau & Beard
2620 Eastvale St.
P. O. Box 102, Sta. A (5)
OX 1-2441
1573. Barthlemess, J. F.
2837 Emmick Dr. (6)
1574. Baxter, Lewis C.
2207 Ashland Ave. (10)
CH 1-1962
1575. Bearings, Inc.
1302 Washington St. (2)
CH 8-5311
1576. Bellows Co., The
518 Jefferson Ave.
CH 1-9250
1577. Bigelow-Gibson, Inc.
900-902 Summit St.
CH 4-3006
1578. Blade Office Equipment & Supply
232 Superior St.
CH 1-6215
1579. Bohl Equipment Co.
534 Laskey Rd. (12)
GR 9-2223
1580. Bostwick-Braun Co., The
P. O. Box 912
Corner Summitt and Monroe Sts. (1)
CH 1-7231
1581. Boyko Engineering Co., John
900-902 Summit St. (4)
1582. Burke Co., Edmund
361 Phillips Ave. (12)
GR 2-2152
1583. Cleveland Tool & Supply Co.
1915 N. 12th St. (2)
CH 1-4266
1584. Cleveland Tramrail Toledo Co.
534 Laskey Rd. (12)
GR 9-2223
1585. Colson Corp., The
245 Huron St. (4)
CH 8-4512
1586. Conforming Matrix Corp.
12th and Woodruff Sts. (2)
CH 8-3518
1587. Cornell Supply Co., The
128 Summit St. (4)
CH 1-2183
1588. Cowles, Warren T.
2432 Sylvania Ave.
GR 4-2691
1589. Crawford, Walter
445 Bryant Ct. (10)
CH 3-9043
1590. Crucible Steel Co.
3303 South Ave.
P. O. Box 1091, Sta. E (39)
EV 2-5678
1591. Cuthbert, Inc., F. N.
2909 Detroit Ave. (10)
CH 1-2218
1592. Davis, Ralph W.
P. O. Box 322 (10)

SALES OFFICES

OHIO

TOLEDO (cont.)

1593. Deo Volente & Associates
628 Clifton Blvd. (7)
JO 1191
1594. Detrex Chemical Industries, Inc.
1312 Jefferson
CH 6-8473
1595. DoAll Toledo Co.
730 Phillips Ave. (12)
GR 9-5349
1596. Donnelly & Associates, H. H.
2044 Glenwood Ave. (2)
CH 2-3529
1597. Edmunds Co., J. M.
2560 Falmouth Rd. (8)
CH 4649
1598. Erie Tool & Supply Co.
304 N. Westwood Ave. (7)
JE 1-2811
1599. Ettco Tool & Machine Co., Inc.
3636 Detroit Ave. (12)
GR 2-1428
1600. Fahey, W. M.
865 W. Central Ave. (10)
CH 2-7281
1601. Fauver Co., Inc., J. N.
515 Lowell Dr. (10)
CH 3-1808
1602. Flske Brothers Refining Co.
Box 38, Sta. A (5)
1603. Foos, G. Mark
4509 Harvest La.
GR 3-9575
1604. Ford Machinery Co.
1336 W. Bancroft St. (6)
CH 8-2629
1605. Fowler Co., F. A.
4345 Lowe Rd. (12)
LY 1101
1606. Freeman Materials Handling Co., The
501 Troy St. (11)
RA 6-2655
1607. Freeman Supply Co.
1152 E. Broadway (5)
OX 1-4624
1608. G. & J. Bearings Co.
615 Phillips Ave. (12)
GR 5-3417
1609. General Electric Co.
420 Madison Ave. (4)
CH 1-6291
1610. Golden & McCoy Machinery Co.
3952 Elmhurst
GR 5-2469
1611. Goodson Co., W. V.
1118 Madison Ave. (2)
CH 6-5171
1612. Gulf Oil Corp.
Huron St. and Madison Ave.
P. O. Box 946 (1)
CH 6-6791
1613. Hage Industrial Corp.
5135 Lewis Ave. (12)
GR 2-1156
1614. Hart, Lee
2930 Wicklow Dr. (6)
JE 6-8569
1615. Hartwig Industrial Service
2645 Merrimac Blvd. (6)
1616. Henger-Fairfield Co.
310 Michigan St. (2)
CH 4-2396
1617. Hoot, H. M.
4229 Monroe St.
Box 95, Sta. H (13)
GR 5-6619
1618. Horton, Carroll R.
2369 Robinwood Ave.
CH 4-0783
1619. Houghton & Co., E. F.
1146 Elco Dr.
TW 3-2162
1620. Huss Equipment Corp.
1039 Custer Dr. (12)
GR 2-1181
1621. Ingersoll-Rand Co.
2562 Kendale
GR 2-5579
1622. Johnson-Ruth Machinery Co.
2449 Hill Ave. (7)
FR 1671
1623. Jones, Kermit W.
4726 Dorr St. (7)
JE 6-1103
1624. Keefer Tool & Supply Co., The
283 Phillips Ave. (12)
GR 2-2148
1625. Kenmore Tool Service
6340 Dorr St. (7)
UN 5-2322
1626. Kern Truck Sales, Inc.
611 Daniels at Griffin St.
1627. Kiemle Co., Fred W.
33-37 Superior (4)
CH 8-3771
1628. Kirby Machinery and Supply Co., The
20-22 North St.
MA 2156
1629. Klatt & Co.
329 20th St. (2)
CH 3-4797
1630. Kuhn Co., Art
2040 Fulton St. (2)
CH 1-9172
1631. Landin, Cliff
2526 Thoman Pl. (13)
- 1631A. Latrobe Steel Co.
1230 Expressway Dr. (8)
1632. Lincoln Electric Co., The
26 Main St.
P. O. Box 22, Sta. A (5)
OX 3-3464
1633. Linn & Sons, Ray
2138 Madison Ave.
CH 1-7216
1634. Lynco Tool Service
P. O. Box 6682, W. Toledo Sta.
GR 9-6121
1635. Macco Products Co., The
3614 Claudia Dr. (14)
EV 5-2265
1636. McBeth Machinery Co.
3273 Maeterlinck (14)
EV 5-4546
1637. Midwest Die Supply Co.
4325 Harris St. (13)
GR 9-2271
1638. Midwest Fluid Power Co.
4325 Harris St. (13)
GR 9-2271
1639. Mill & Factory Supply Co.
317 South St. (1)
CH 3-7232
1640. Miller Co., George D.
2051 Ashland Ave.
CH 4-6874
1641. Miner Co., Vic
329 20th St. (2)
CH 3-8225
1642. Mitchell-Robie
3702 Upton Ave. (13)
1643. Moore and Co.
4334 W. Central (6)
JE 1-2691
1644. Moore, Kenneth F.
6340 Dorr St. (7)
UN 5-2322
1645. Morris, B. G.
2639 Upton Ave. (6)
GR 5-9337
1646. Motch & Merryweather Machine Co.,
The
2244 Sylvania Ave. (12)
GR 5-6732
1647. National Refining Co.
1455 Miami St.
OX 1-3545
1648. Nelson Stud Welding
518 Jefferson Ave. (4)
CH 3-6143
1649. Oatis Machinery Co.
325 W. Central Ave.
P. O. Box 69, Sta. F
CH 1-3251
1650. Odland Iron Works
829 Spencer St. (9)
EL 2569
1651. Ohio Belting & Transmission Co.
300 N. Westwood Ave.
FR 2-1481
1652. Oliver-Ingalls Associates
369 Spitzer Bldg. (4)
CH 3-1937
1653. Paul, W. A.
4531 286th St.
RA 9-1231
1654. Peerless Tool Service, Inc.
3628 Detroit Ave. (12)
GR 4-5181
1655. Peninsular Steel Co., The
25 Sylvania Ave. (12)
GR 4-5488
1656. R. & O. Tool Service
197 S. St. Clair St. (4)
CH 2-1088
1657. Reeves Pulley Co.
3138 Dorr St. (7)
JE 1-1478
1658. Reliable Belting & Transmission Co.
1515 Cherry St.
CH 8-2695
1659. Reliance Electric and Engineering Co.
1803 Jefferson Ave. (2)
CH 8-4415-8-4416
1660. Reynolds Machinery Co.
P. O. Box 43, Sta. H
2219 Eastbrook Dr. (13)
GR 2-6943
1661. Reynolds Metals Co.
1220 Madison Ave. (2)
CH 8-2458
1662. Rosnagel, Berthold
3614 Rose Tree Ct.
Lincolnshire (6)
GR 5-6398
1663. Ruse Co., C. R.
6230 Hill Ave. (7)
HO 7-4865
1664. Ruth Co., Jack H.
983 Front St. (5)
OX 3-6531
1665. Sanderson, G. E.
2127 Potomac Dr.
JE 6-1083
1666. Sauber, R. C.
5222 Sandra Dr. (13)
GR 5-5764
1667. Schmit Co., A. M.
643 Sylvania Ave. (12)
GR 4-1141-4-4215
1668. Seeger Brass Co., The
23 St. Clair St. (4)
CH 8-5321
1669. Shawaker Co., Ralph
17 17th St. (2)
1670. Skeldon Power Equipment Co.
423 N. 13th St.
CH 3-9516
1671. Snap-on Tools Corp.
2932 Monroe St. (6)
CH 3-1026
1672. Standard Diamond Tool Corp.
3021 Middlesex Dr. (6)
1673. Staples, Otis E.
4218 Lancelot (13)
SY 2-3466
1674. Steinhorn Co., The
300 S. Summit St.
1675. Sterling Electric Motors, Inc.
2056 Canton St. (2)
CH 3-9238
1676. Strong, Carlisle & Hammond Div.
1290 Madison Ave. (2)
MA 2018
1677. Sun Oil Co.
1601 Woodville St. (1)
OX 3-4461
1678. Syntrol Toledo Sales Co.
4104 Commonwealth Ave. (12)
GR 2-2275
1679. Taylor Co., Harold G.
P. O. Box 15, Sta. H
4023 Upton Ave. (13)
KI 8516-GR 4-8516

SALES OFFICES

OHIO

- 1680. Taylor-Thompson Machinery Co.
1313 Jefferson
CH 2-8442
- 1681. Teague, M. E.
105 17th St.
I. O. O. F. Bldg. (4)
CH 4-8302
- 1682. Thompson Co., R. H.
1300 Toledo Trust Bldg.
CH 4-8017
- 1683. Thorson, Donald E.
2254 Drummond Rd.
JE 6-0020
- 1684. Toledo Abrasive & Supply Co.
2017 Adams St. (1)
CH 4-8393
- 1685. Toledo Blue Print & Paper Co.
316 Superior St. (4)
CH 3-7224
- 1686. Toledo Machinery Co.
1124 Laskey Rd.
- 1687. Toledo Oxygen & Equipment Co.
1310 Elm St.
- 1688. Toledo Saw, Knife & Grinding
632 Sterling St.
- 1689. Toledo Stamp & Stencil Co.
125 N. Erie St. (2)
- 1690. Weirton Steel Co.
602 United Savings Bldg. (4)
CH 3-1287
- 1691. Welder Service Co.
2037-41 Canton St. (2)
- 1692. Welders Needs, Inc.
3839 Doyle Ave. (8)
- 1693. Wesson Co.
Box 135, Sta. H (13)
GR 9-3341
- 1694. Williams & Co., Inc.
946 Kane St. (12)
KL 8661
- 1695. Wright Industrial Supply Co.
4837 N. Detroit Ave. (12)
KI 5752
- 1696. Ziv Steel & Wire Co.
1053 Custer Dr. (12)
GR 4-4728

TROTWOOD

- 1697. Parsons, W. W.
Box 3085
CR 7-2862

TROY

- 1698. Hobart Brothers

UNIVERSITY HEIGHTS

- 1699. Rotbart, Alan
2334 Charney Rd.

VANDALIA

- 1700. Weltronic Co.
89 Waller
TW 8-4771

WADSWORTH

- 1701. Allison-Campbell Div.
428 Crestwood Ave.
CH 1-1904 (Cleveland)
- 1702. Ingersoll-Rand Co.
310 Rosalind Ave.
FE 5-6762
- 1703. Smith, R. R.
155 Franks Ave.
FE 4-2518

WAPAKONETA

- 1704. Wapakoneta Machine Co., The
301 W. Pearl St.
RE 8-3364

WARREN

- 1705. Detrex Chemical Industries, Inc.
420 Main Ave., Southwest
Phone: 2-0616
- 1706. Republic Steel Corp.
Republic Bldg.
EX 2-2511

- 1707. Reese Hardware & Supply Co.
North River Rd. and Park Ave.
MA 9-1821

- 1708. Tracey, Edward
2406 Northwest Blvd.
EX 2-5866

- 1709. Trumbull Supply & Manufacturing Co.
317 S. Park
EX 2-2541

- 1710. Warren Hardware Co.

- 1711. Weltronic Co.
3333 Elm Hill Dr.

WARRENSVILLE HEIGHTS

- 1712. Baltes, P. J.
19804 Ridgewood Ave.
WY 1-5462

WELLSTON

- 1713. Oury Supply Co., Inc.
Phone: 4-2161

WEST RICHFIELD

- 1714. Crofoot, Richard E.
3534 Southern Rd.
OL 9-9771
- 1715. Dillon, W. R.
3607 Whitethorn Cir.
CH 1-1491 (Cleveland)

WICKLIFFE

- 1716. Cleveland Crane & Engineering Co., The
1020 E. 289th St.
WH 3-3700
- 1717. Stevenson Oil & Chemical Co.
30130 Lakeland Blvd.
WH 3-3338
- 1718. Wolf, Jr., Raymond A.
Sunset Motel
30432 Euclid Ave.

WILLOWICK

- 1719. Carter, Ralph R.
520 E. Fairway Blvd.
WH 3-5219
- 1720. Weatherhead Co., The
29500 Cresthaven Dr.
WH 3-2453

WILMINGTON

- 1721. Beckett-Harcum Co.
1087 Wayne Rd.
FU 2-2577

WORTHINGTON

- 1722. Ingersoll-Rand Co.
433 Ridgedale Dr., North
TU 5-1905
- 1723. ROC Engineering & Sales Co.
298 Park Blvd.
TU 5-1057
- 1724. Sinclair Refining Co.
P. O. Box 31
- 1725. Wood Co., Henry M.
P. O. Box 248
AX 1-7797

WYOMING

- 1726. Tesch, R. W.
111 Penderly Ave. (15)

YOUNGSTOWN

- 1727. Airborne Instruments Laboratory
25 E. Boardman St. (3)
RI 4-3359
- 1728. Allis-Chalmers Manufacturing Co.
25 E. Boardman St. (3)
RI 3-5175
- 1729. Aluminum Co. of America
537 Ohio Edison Bldg.
RI 4-8671
- 1730. Bearings, Inc.
2007 South Ave. (2)
RI 4-5013

- 1731. Beryllium Corp., The
125 W. Commerce St. (3)
RI 6-2214

- 1732. Brenner Industrial Sales & Supply Co.
724 Canfield Rd. (11)

- 1733. Campbell, Tom W.
6 Oak Dr.
SK 8-4645

- 1734. Cavanaugh Co., The
928-934 W. Rayen Ave.
P. O. Box 1136 (1)
RI 4-8421

- 1735. Clark Controller Co., The
3119 Market St.
Box 2536
ST 2-1131

- 1736. Dearing & Co.
P. O. Box 3855
571 Andrews Ave. (5)
RI 4-5301

- 1737. Excelsior Stamp Works Co.
8 S. Phelps St. (7)

- 1738. General Electric Co.
272 E. Indianola Ave. (7)
ST 2-8143

- 1739. Houghton & Co., E. F.
12 Circle Dr. (14)
SK 7-1622

- 1740. Huck Manufacturing Co.
337 Rosemont Dr.
PR 1-0501

- 1741. Jones & Laughlin Steel Corp.
903 Union National Bank Bldg. (3)

- 1742. Lincoln Electric Co., The
1110 Academy Dr. (4)
RI 7-5262

- 1743. Mahoning Valley Supply Co.
704 Youngstown-Poland Rd. (12)
PL 5-2133

- 1744. Matthews & Co., Jas. H.
2936 Mahoning Ave.
SW 8-3297

- 1745. Metal Carbides Corp.
6001 Southern Blvd. (12)
ST 8-6541

- 1746. Moore, Paul B.
6960 Market St. (5)
SK 8-3397-8-1911

- 1747. Morris, S. G.
457 Orlo La. (5)
ST 2-9130

- 1748. Ohio Tool Supply Co.
2242 Logan Ave. (4)
RI 7-8035

- 1749. Paddon Co., Inc.
6960 Market St. (12)
SK 8-1383

- 1750. Reliance Electric and Engineering Co.
6911 Market St.
P. O. Box 3194
SK 8-2377

- 1751. Reynolds Metals Co.
5621 Market St. (12)
ST 8-4041

- 1752. Somers, Fittler & Todd Co.
105 Shurtrump Ct. (9)
SW 9-1556

- 1753. Stambaugh Supply Co., The
102 E. Commerce St. (1)
RI 4-3184

- 1754. Steinberg Co., A. G.
2300 Dogwood Dr. (11)
SW 9-0671

- 1755. Sun Oil Co.
6231 Southern Blvd. (12)
SK 8-4581

- 1756. Taylor-Westerfield, Inc.
2810 Market St. (7)
ST 8-8383

- 1757. Valley Industrial Trucks, Inc.
1554 Poland Ave.

- 1758. Welders Sales & Service
65 Essex St.
RI 7-8514

SALES OFFICES

OHIO

YOUNGSTOWN (cont.)

- 1789. Wiltsie Industrial Sales Co.
P. O. Box 1354
ST 2-5933
- 1790. Youngstown Rubber Products
854 Mahoning Ave.
RI 4-2158

ZANESVILLE

- 1761. Bearings, Inc.
738 Linden Ave.
GL 2-8437
- 1762. Dunlap Welding & Supply
720 Marietta St.
- 1763. Fire Equipment & Welding Supply Co.
731 Main St.

OKLAHOMA

DUNCAN

- 1. Duncan Equipment Co.
202-S E. Main
P. O. Box 1270
AL 5-1216
- 2. Scott Tool and Supply Co.
102 N. Sixth St.
Phone: 2163
- 3. Western Welding Supply Co.
P. O. Box 129

ENID

- 4. Brueggemann Supply Co.
412 N. Independence
AD 7-3857
- 5. Failing Co., George E.

MIDWEST CITY

- 6. General Electric Co.
207 Post Office Bldg.
PE 1-4587

MUSKOGEE

- 7. Coburn Manufacturing Co.
P. O. Box 1513

OKLAHOMA CITY

- 8. Acker, L. E.
1809 W. Main St. (4)
CE 2-3771
- 9. Air Reduction Sales Co.
2421 Southwest 15th St. (8)
FO 5-7477
- 10. Allis-Chalmers Manufacturing Co.
401 N. Harvey (1)
RE 9-1631
- 11. Aluminum Co. of America
111 Northwest 23rd St. (2)
JA 5-1537
- 12. Anderson Electric Co., C. B.
P. O. Box 761 (1)
- 13. Arst Equipment Co.
1301 W. Reno
- 14. Bradley, W. A.
3001 N. Miller Blvd.
WI 3-5065
- 15. Carrier Corp.
5103 N. Shartel St. (18)
VI 2-1676
- 16. Chain Belt Co.
328 Northwest Second
FO 5-3997
- 17. Dagwell Dixie Co., The
816 W. Main St.
- 18. Fleck Bearing Co.
1801 W. Main
- 19. Gardner-Denver Co.
348 Classen Terrace Bldg.
JA 5-1855
- 20. General Electric Co.
119 N. Robinson St. (2)
RE 9-2574
- 21. Grimes Co., Ray
1723 Northwest 63rd St.
VI 3-6150

- 22. Hart Industrial Supply Co.
726 W. Grand (1)
P. O. Box 1925
RE 9-2541
- 23. Hatlon, Roy
7806 Northwest 23rd St.
R. R. 3, Box 250-C
WH 2-8492
- 24. Herd Equipment Co.
922 Northwest Fifth St. (6)
CE 2-2151
- 25. Hoover Equipment Co.
1900 Linwood Blvd. (1)
RE 6-3631
- 26. Independent Supply Co.
811 W. Grand Ave.
- 27. Lees, Henry
1410 Magdalena
ME 4-0738
- 28. Lincoln Electric Co., The
1917 Agnew (8)
ME 4-4121
- 29. M-H Equipment Engineers
201 E. Main St.
CE 2-2008
- 30. Marshall Supply & Equipment Co.
1241 W. Main St.
CE 2-8836
- 31. McRay Co., Charles R.
4405 N. Barnes (12)
JA 4-4033
- 32. Mideke Supply Co.
100 E. Main St. (2)
FO 5-7331
- 33. Minton Machinery Co.
1721 W. Main St. (4)
- 34. Moorlane Co.
P. O. Box 1863
203 Klein St.
RE 6-3591
- 35. Nix Industrial Supply Co.
2702 S. High St. (9)
OR 7-6623
- 36. Oklahoma Oxygen Co.
Box 1521
CE 2-9579
- 37. Power Equipment, Inc.
1739 W. Main St.
FO 5-9405
- 38. Republic Supply Co.
Republic Bldg. (1)
- 39. Reynolds Metals Co.
Classen Terrace Bldg.
JA 5-7527
- 40. Riekes & Sons, S.
215 S. Compress St.
FO 5-9447
- 41. Service Supply, Inc.
401 S. Walker (1)
CE 2-6678
- 42. Skil Corp.
1635 W. Reno St. (4)
RE 6-0170
- 43. Snap-on Tools Corp.
9013 N. Hudson St. (3)
FO 5-3301
- 44. Thomas Co., Eldon C.
627½ Northwest Second
RE 6-8137
- 45. Triangle Blue Print & Supply Co.
525 N. Robinson St.
RE 6-1573
- 46. Whitton Supply Co.
1419 W. Reno Ave.
- 47. Winter, M. A.
600 Northwest 46th St.
JA 9-1197
- 48. Ziemer, Armin
1114 Northwest 41st St.
JA 4-5666

PICHER

- 49. Ingersoll-Rand Co.
226 W. "A" St.
PI 304

TULSA

- 50. Adco Industries
204 Cheyenne St.
LU 7-6189

- 51. Ahrens Sales Co.
1312 E. 41st St.
RI 2-3497
- 52. Airborne Instruments Laboratory
2570 S. Harvard Ave. (14)
RI 7-7531
- 53. Airetool Manufacturing Co.
2603 E. Third St. (4)
WE 6-8853
- 54. Air Reduction Sales Co.
2815 Sand Springs Rd.
Phone: 2-3211
- 55. Alemite Co.
1234 S. Detroit Ave. (1)
- 56. Allied Bearings Supply Co.
822-824 S. Boulder Ave. (19)
DI 3-0164
- 57. Allis-Chalmers Manufacturing Co.
320 E. Archer St. (3)
GI 7-9163
- 58. Ammco, Inc.
2824 W. 40th
- 59. Anco Manufacturing & Supply Co.
21st St. and Union Ave. (3)
- 60. Anderson Electric Co., C. B.
712 Oil Capital Bldg. (3)
GI 7-1123
- 61. Ardun Supply Co.
303 S. Frankfort
- 62. Armco Steel Corp.
201 Kome Bldg. (3)
- 63. Aro Equipment Corp.
4649 E. 59th St.
RI 2-8418
- 64. Arst Equipment Co.
403 S. Peoria
- 65. Bellows Co., The
1344 S. Harvard St. (12)
MA 6-3253
- 66. Bishop Engineering Co.
P. O. Box 7031
RI 2-2371
- 67. Blackman & Nuetzel Machinery Co.
114 W. Archer St.
LU 5-8050
- 68. Bridgeport Brass Co.
619 S. Main St.
- 69. Bright Co., G. F.
P. O. Box 4564
LU 4-1534
- 70. Bromiley, E. C.
P. O. Box 3616
2229 S. St. Louis St. (9)
RI 2-0525
- 71. Burke & Co., John G.
3209 W. 21st St.
DI 3-9161
- 72. Chicago Pneumatic Tool Co.
3120 S. Winston (5)
RI 2-2475
- 73. Clark Bearing Specialist & Supply Co.
321 W. Second St.
GI 7-1527
- 74. Clark Controller Co., The
P. O. Box 4653
WE 9-3290
- 75. Crane Packing Co.
210 Midco Bldg. (3)
CH 2-6340
- 76. Crucible Steel Co.
2061 S. 74th St., East (2)
TE 6-2426
- 77. Dana Supply, Inc.
436 Kennedy Bldg. (3)
LU 7-2382
- 78. Daniels, C. D.
P. O. Box 8511
CH 2-1990
- 79. Deem, Dallas S.
1215 S. St. Louis Ave. (20)
DI 3-8716
- 80. Denison Engineering Div.
206 Wright Bldg. Annex
Third & Cheyenne
GI 7-1926
- 81. DoAll Tulsa Co.
1117 S. Main St.
LU 7-6651
- 82. Doolittle, Norman A.
1850 E. 16th Pl. (4)
MA 6-9114

OKLAHOMA

83. Duenner & Co., Robert H.
P. O. Box 1528 (7)
LU 7-2171
84. Dyer Co., James E.
316 E. 11th St.
85. Eaton, Dick
1179 N. Denver (6)
86. Edwards, Inc., Allan
2445 S. Jackson St.
DI 3-7184
87. Eggelhof Engineers, Inc.
1524 Hunt Bldg.
LU 7-6048
88. Elder Co., John W.
1526 E. Fourth St. (10)
DI 3-9140
89. Emerson Co., A. A.
1837 S. Peoria
RI 2-6513
90. Engineering Test Services, Inc.
1124 E. Fourth St. (10)
DI 3-8121
91. Engineering Test Services, Inc.
910 S. Boston Ave.
CH 2-7065
92. Fairbanks, Morse & Co.
1225 Hunt Bldg. (3)
DI 3-8231
93. Fish, Hank J.
136 S. 69th Ave., East
TE 5-5850
94. Fish Pneumatic Engineering Co.
P. O. Box 8237
LU 5-9909
95. Gardner-Denver Co.
6746 E. 11th St. (16)
TE 5-1531
96. Gates Hardware & Supply Co.
Brady and Elgin Sts. (20)
DI 3-3134
97. General Electric Co.
320 S. Boston Ave. (3)
LU 5-8267
98. General Machinery & Equipment
2703 Dawson Rd. (8)
P. O. Box 3128
WE 9-6393
99. Gibbs Co., Lloyd T.
1021 Petroleum Bldg.
DI 3-4425
100. Gilchrist, R. W.
1607 E. 43rd Pl.
RI 2-8307
101. Gorton-Howell Machinery Co.
217 E. Third St. (3)
LU 4-4778
102. Graves Co., Ernie
111 E. 14th St. (19)
DI 3-9287
103. Guardian Safety Equipment Co.
1742 S. Main St. (19)
DI 3-1300
104. Hart Industrial Supply Co.
215 E. First St. (1)
LU 3-2175
105. Hodges & Co., Tom
120 S. Cheyenne
CH 2-4271—LU 4-5587
106. Holt, L. B.
4407 S. Peoria (5)
RI 3-3610
107. Houghton & Co., E. F.
612 W. Fifth St.
LU 4-7231
108. Hulsey Machinery & Supply
1328 E. Sixth St. (20)
GI 7-9080
109. Hunt, Clyde J.
1346 E. 36th Pl.
RI 7-6567
110. Indel Supply, Inc.
538 S. Lewis Ave.
P. O. Box 4131
WE 9-7385
111. Industrial Equipment Co.
520 S. Peoria St. (1)
P. O. Box 2006
LU 5-1111
112. Industrial Sales and Engineering Co.
4407 S. Peoria
RI 3-3610
113. Ingersoll-Rand Co.
407 S. Peoria Ave. (20)
GI 7-0157
114. I-T-E Circuit Breaker
822 E. Sixth St. (20)
CH 2-0802
115. Johns, Leo
P. O. Box 5346 (1)
WE 6-3618
116. Jones Co., The Jimmie
1016 E. Fourth St. (10)
117. Jones & Laughlin Steel Corp.
908 First National Bank Bldg.
LU 5-1185
118. Kelleher Equipment Co.
1717 E. First St.
CH 2-7111
119. King Metal Products, Inc.
826 N. Fulton St.
TE 6-2501
120. Knight-Gordon Engineering Co.
211 Tuloma Bldg.
CH 2-4082
121. Koehler Aircraft Products Co., Inc.
P. O. Box 7068
4140 S. Peoria St.
122. Krisman Industrial Supply Co.
308 E. Fourth St. (3)
DI 3-6213
123. Landry, Inc., Max E.
P. O. Box 2238
RI 7-1394
124. Leeds & Northrup Co.
8 E. Fourth St. (3)
GI 7-3720
125. Le Roi Div.
1307 S. Boulder (19)
LU 4-3575
126. Lincoln Electric Co., The
2730 Sand Springs Rd. (1)
DI 3-3141
127. Linde Co.
2901 S. Harvard Ave. (24)
RI 2-5524
128. Luce Industrial Supply Co.
210 N. Denver Ave.
DI 3-9797
129. Machine Tool & Supply Co.
215 E. First St. (1)
P. O. Box 2329
LU 3-2175
130. Marathon Electric Manufacturing Corp.
P. O. Box 886 (1)
GI 7-0502
131. Marshall Supply & Equipment Co.
920 E. Archer St. (1)
P. O. Box 1320
LU 4-5275
132. Martin Machine Tool Co.
514-516 S. Peoria (1)
LU 5-5641
133. Martin, Rex A.
P. O. Box 721
514-516 S. Peoria
LU 5-5641
134. Martin Supply Co.
626 E. Third St.
LU 5-5651
135. Materials Handling, Inc.
4450 E. Admiral (15)
MA 6-5752
136. McDermott, Inc., Barr
114 W. Archer
137. Metal Goods Corp.
302 N. Boston (3)
GI 7-4101
138. Midwest Supply Co.
719 N. Lewis St. (10)
WE 3-1030
139. Moorlane Co.
409-11 E. Archer
P. O. Box 1679
LU 4-7101
140. Morrow Engineering Specialty Co.
P. O. Box 3775
Utica Square 23
DI 3-1345
141. Nix Industrial Sales Co.
2525 Sand Springs Rd.
DI 3-8916
142. Oklahoma Oxygen Co.
2750 Sand Springs Rd.
DI 3-9138
143. O'Mellia, William E.
329 E. First St. (3)
RI 7-5062
144. Pauling, R. E.
115 W. Third St. (3)
LU 5-9504
145. Power Machinery Co.
3900 S. Memorial (5)
RI 3-2535
146. Precision Tool Sales
16 N. Cheyenne
Box 1541
LU 5-9204
147. Progressive Industrial Supply Co.
6520 E. King St.
TE 6-2295
148. Republic Steel Corp.
2063 Philtower Bldg. (3)
DI 3-6263
149. Reynolds Metals Co.
224 Utica Bldg. (14)
RI 3-1366
150. Riddle & Hubbell Co.
P. O. Box 727 (1)
LU 5-5624
151. Riggs Co., William L.
P. O. Box 5002 (16)
TE 8-1576
152. Roach Equipment Co.
801 W. 23rd St. (7)
P. O. Box 9457
153. Severin Supply Co. of Tulsa
1102-06 S. Boston (3)
154. Sherman, Milton B.
1341 S. Boston, Room 203 (19)
GI 7-0614
155. Sinclair Refining Co.
P. O. Box 521
156. Snyder Co., Inc.
1432 E. Sixth St. (20)
GI 7-0126
157. Solomon, L. T.
2914 S. 74th East Ave. (14)
TE 5-4208
158. South Chester Corp.
1527 Hunt Bldg. (3)
CH 2-1284
159. Southwest Welding Supply
1644 E. Admiral
160. Standard Products, Inc.
2208 N. Sheridan Rd.
161. Stephens Machinery Co., Robert R.
2010 S. Utica (4)
RI 7-4009
162. Syntrol Dallas Sales Co.
3857 S. Sheridan Rd.
RI 7-4808
163. Triangle Blue Print & Supply Co.
314 S. Cincinnati (3)
DI 3-0168
164. Tyler-Dawson Supply Co.
6310 E. 13th St.
TE 5-7601
165. Wales Strippit, Inc.
P. O. Box 1265
CH 2-0823
166. Warner & Swasey Co., The
125 W. Third St. (3)
LU 5-9736
167. Wheatley Supply Co., Frank
125 W. First St.
168. White Star Machinery & Supply Co., Inc.
3216 E. 21st St. (14)
WE 2-3481
169. Wingo Machinery Co., George I.
1323 E. Fifth St. (14)
GI 7-1331
170. Wood Co., Chalmers R.
1537-39 E. 11th St. (20)
LU 4-2533
171. Woodbury, William G.
1654 E. 55th Pl.
RI 2-8912

SALES OFFICES

OKLAHOMA

TULSA (cont.)

- 172. Worthington Corp.
P. O. Box 6278, Pine Station
175 N. Lansing St. (30)
- 173. Young & Son, Inc., R. A.
9401 E. Admiral Pl.
TE 5-4404

OREGON

ASTORIA

- 1. Fisher Brothers Co.
1210 Marine Dr.

BALTIMORE

- 2. Maguire & McLernon, Inc.
1100 Exeter Hall Ave.

CANYONVILLE

- 3. Supply & Service Hardware

COOS BAY

- 4. Daly & Co., A. B.
324 N. Front St.
P. O. Box 240
CO 7-3143

DAYTON

- 5. Dabney, Blaine
Box 240
DA 6-X-13

EUGENE

- 6. Air-Mac., Inc. of Oregon
375 E. Fifth
Phone: 3-2931
- 7. American Steel & Supply Co.
44-51 Seventh Ave., East
DI 5-0373
- 8. Barnum Tool Co.
3629 Franklin Blvd.
DI 5-8573
- 9. Bartells Co., E. J.
P. O. Box 691
DI 4-8726
- 10. Bearing Sales & Service
225 Seventh Ave.
- 11. Electric Steel Foundry Co.
1464 W. Sixth St. (4)
DI 3-2585
- 12. General Electric Co.
1170 Pearl St.
DI 5-7245
- 13. Harmer Co.
209 Polk St.
Phone: 50317-18
- 14. Munnell & Sherrill, Inc.
1620 W. Seventh Ave.
P. O. Box 3265
DI 5-8798
- 15. Oregon Supply Co.
P. O. Box 1228
250 W. Fourth Ave.
DI 5-2345
- 16. Sawyer Machine Shop

HOOD RIVER

- 17. Cascade Supply & Machine
Box 495
Phone: 4653

KLAMATH FALLS

- 18. Cascade Industrial Supply, Inc.
515 Market St.
P. O. Box 330
TU 3711
- 19. Moty & Van Dyke, Inc.
638 Klamath Ave.

MEDFORD

- 20. Airborne Instruments Laboratory
1320 Queen Anne Ave.
SP 2-7248

- 21. American Steel & Supply Medford, Inc.
P. O. Box 1346
703 S. George St.
ME 2-7181

- 22. Cal-Ore Machinery Co., Inc.
1105 Court St.
SP 3-4507

- 23. Dodd Co., Robert
3360 N. Pacific Hwy.

- 24. General Electric Co.
107 E. Main St.
Phone: 2-5891

- 25. Hubbard Bros., Inc.
335 E. Main St.
P. O. Box 1347
SP 2-6189

- 26. Hydraulic & Air Equipment Co.
Box 1572
SP 3-4097

- 27. Industrial Air Products Co.
P. O. Box 1506
Hwy. 99, North
SP 2-8778

NEWBERG

- 28. Stafford, James J.
Route 2, Box 332
JE 8-4623

NORTH BEND

- 29. Industrial Steel & Supply
P. O. Box 824
SK 9-2731

OREGON CITY

- 30. Friedrich & Son, C. W.

PORTLAND

- 31. Aeroquip Corp.
635 N. W. 16th Ave. (9)
- 32. Airborne Instruments Laboratory
208 S. W. Stark St. (4)
- 33. Air-Mac., Inc. of Oregon
1111 S. E. Grand Ave. (14)
BE 4-6524
- 34. Air Reduction Pacific Co.
430 N. W. Tenth Ave. (9)
CA 7-2467
- 35. Alemite Co.
424 N. W. 14th Ave. (9)
- 36. Allegheny Ludlum Steel Corp.
435 Terminal Sales Bldg. (5)
CA 8-2692
- 37. Allied Northwest Machine Tool Corp.
1222 S. E. Seventh Ave. (14)
BE 4-7513
- 38. Allis-Chalmers Manufacturing Co.
520 S. W. Sixth Ave. (4)
CA 2-9835
- 39. Allis Co., The Louis
1733 N. E. Seventh Ave. (12)
P. O. Box 7726
AT 4-2187
- 40. Alloy Welding Supply Co.
2300 N. W. Thurman (10)
- 41. Aluminum Co. of America
1115 U. S. National Bank Bldg. (4)
CA 2-9861
- 42. American Steel Warehouse Co.
425 N. E. Ninth Ave.
BE 2-9111
- 43. Aro Equipment Corp.
940 S. E. Seventh Ave.
BE 5-2172
- 44. Bach Electric, Pete
1233 N. W. 12th Ave. (9)
CA 7-2173
- 45. Ballantyne Co., W. G.
103 S. W. Front Ave. (4)
CA 8-4311
- 46. Barbo Machinery Co.
201 S. W. First Ave. (4)
- 47. Bartells Co., E. J.
524 N. Tillamook (12)
WE 3291
- 48. Bearing Sales & Service, Inc.
1645 N. W. Hoyt St. (9)
CA 3-6301
- 49. Bellows Co., The
1222 S. E. Seventh Ave.
BE 4-2672
- 50. Bennett Co., F. E.
426 W. Sixth Ave. (9)
CA 8-2321
- 51. Berg-Evans Chain Co.
240 S. W. First St.
- 52. Bobbs Air-Draulics, Inc., Ray
218 S. E. 12th Ave. (14)
BE 2-6133
- 53. Boyd Co., A. B.
930 S. E. Oak St. (14)
BE 506549
- 54. Branom & Seeland Instrument Co.
6019 N. E. Union Ave. (11)
BU 5-5205
- 55. Brown Bearing Co.
715 N. E. Davis St. (12)
BE 2-6188
- 56. Brown Co., R. H.
604 N. W. Sixth Ave. (8)
P. O. Box 3741
CA 8-5235
- 57. Brunner & Lay of Portland, Inc.
660 N. Tillamook
AT 1-0079
- 58. Burcham Co., Don H.
P. O. Box 4098 (8)
CA 7-3830
- 59. Butcher Co., L. H.
2750 N. W. 31st Ave. (10)
CA 8-9676
- 60. Caldwell Machinery Co.
735 N. W. Glisan St. (9)
CA 6-3568
- 61. Cascade Tool Sales Co.
1405 S. W. 14th Ave. (1)
CA 3-1270
- 62. Chain Belt Co.
2310 N. W. 24th Ave. (10)
CA 3-6121
- 63. Chown Hardware Co.
333 N. W. 16th Ave.
- 64. Clark Controller Co., The
734 W. Glisan St. (9)
CA 3-6241
- 65. Columbia Copy Co.
626 S. W. College St. (1)
CA 2-6555
- 66. Consolidated Warehouses
1633 N. W. 21st Ave.
CA 6-6566
- 67. Conway & Fields Sales Co.
1623 S. E. Sixth Ave. (14)
- 68. Cordano Chemical Co.
56 S. E. Belmont St. (14)
BE 4-1468
- 69. Cravens, E. A.
1018 S. E. Eighth Ave. (14)
BE 4-7469
- 70. Crucible Steel Co.
2300 N. W. Raleigh St. (10)
CA 2-1768
- 71. Davis Industrial Products Co.
338 N. W. Sixth Ave. (9)
CA 8-6211
- 72. Davis Supply Co., A. W.
2351 N. W. York St. (10)
CA 6-4123
- 73. Dodd Co., Robert
P. O. Box 1031
5210 S. W. Corbett
- 74. Donal Co.
31319 S. W. Altadena Ter.
CH 6-3131
- 75. Eagle Metals Co.
2336 N. Randolph Ave. (12)
AT 8-5201
- 76. Edstrom, J. E.
1224 S. W. Morrison St. (5)
CA 7-1702
- 77. Electric Steel Foundry Co.
2141 N. W. 25th Ave. (10)
CA 8-2141
- 78. Elgin National Watch Co.
1405 S. W. 14th Ave. (1)
CA 3-1270

OREGON

79. Euler Co., Harry M.
2811 N. E. Glisan St. (12)
BE 6-4513
80. Fafnir Bearing Co., The
1202 N. W. 17th Ave. (9)
CA 7-0147
81. Fairbanks, Morse & Co.
105 S. E. Taylor St. (14)
BE 2-0131
82. Fetsch & Associates, Geo. A.
432 N. W. 16th Ave.
83. Friction Sales Co.
1640 N. W. 14th Ave.
84. Furlong Co., A. C.
1703 N. E. 51st Ave. (13)
AT 2-9623
85. Garland-Affolter Engineering
1233 N. W. 12th Ave. (9)
CA 3-7349
86. General Electric Co.
2929 N. W. 29th Ave. (10)
CA 8-0281
87. General Tool Co., The
325 N. W. 15th Ave. (9)
CA 6-3411
88. Goodyear Rubber & Asbestos Co.
205 N. W. Fifth Ave. (9)
CA 8-8575
89. Great Western Chemical Co.
2133 N. W. York St. (10)
CO 6-2451
90. Greaves Co., Fred G.
400 Concord Bldg.
CA 8-9211
91. Grinnell Co.
3240 N. W. 29th Ave. (10)
92. Hall Tool Co.
1724 S. E. Grand Ave. (14)
BE 6-411
93. Hallide Machinery Co., Inc.
1915 N. E. Union (12)
AT 2-2244
94. Hanchett Manufacturing Co.
5727 N. W. Macadam Ave.
95. Harmer Steel Products & Supply Co.
1515 N. W. Hoyt St. (9)
AT 7548
96. Harris Supply Co.
524 N. W. 14th Ave. (9)
CA 8-4181
97. Haseltine & Co., J. E.
115 S. W. Second Ave. (4)
CA 8-7511
98. Hoe & Co., Inc., R.
2700 S. E. Tacoma St. (2)
BE 4-9501
99. Hollywood Auto Parts
3615 N. E. Broadway
100. Houghton & Co., E. F.
208 S. W. Stark St. (4)
CA 8-9211
101. Humke, Ken R.
207 N. W. 14th Ave. (9)
CA 8-7233
102. Hunt, John B.
5611 S. E. Yamhill St. (15)
CA 8-4107
103. Hutchinson & Associates, H. L.
126 N. E. Broadway (14)
AT 1-007
104. Hydraulic & Air Equipment Co.
2316 N. W. Savier St. (10)
CA 2-3293
105. Hyster Sales Co.
5251 S. E. McLaughlin Blvd.
P. O. Box 3956
BE 4-6471
106. Industrial Air Products Co.
3200 N. W. Yeon Ave. (10)
CA 2-9231
107. Industrial Specialties Co.
940 S. E. Seventh Ave. (14)
VE 3-2173
108. Industrial Tool & Supply Co.
122 N. E. Broadway (12)
AT 8-5739
109. Ingersoll-Rand Co.
Broadway and Morrison St. (5)
CA 6-0135-39
110. Instrument Laboratory, Inc., The
1908 N. E. Union
111. J-Mo Products Co.
P. O. Box 1843 (17)
112. Jessen & Gundry
1635 N. W. 21st St. (9)
CA 2-2832
113. Karl's Machinery Sales
35 N. Welder St. (12)
114. Kearns Co., The James L.
P. O. Box 5108 (16)
BE 5-5491
115. Keeler, White-Portland
322 N. W. Fourth Ave. (9)
CA 7-0593
116. Klinger Co., The M. H.
416 N. W. 14th Ave.
117. L & M Equipment Co.
401 S. E. Clay St. (14)
118. La Grand Industrial Supply Co.
15 S. W. Arthur St. (1)
CA 7-3683
119. Laing Co., John C.
435 N. Tillamook (17)
120. Lincoln Electric Co., The
1034 N. E. Russet St. (11)
BU 9-8881
121. Linde Co.
1205 N. W. Marshall St. (9)
CA 7-2693
122. Lindsay Brothers
1504 N. W. Johnson St. (9)
CA 7-6363
123. Link-Belt Co.
1637 N. W. 14th Ave.
124. Lokay & Co., Ed
10340 N. E. Sandy Blvd. (20)
AL 4-7378
125. Mac-It Parts Co.
103 S. W. Front St. (4)
126. Manning Packing & Supply Co.
71 S. W. Second Ave. (4)
127. Marvin Co., Inc., John H.
6106 N. E. 18th Ave. (11)
AT 4-7913
128. Marshall-Wells Co.
1420 N. W. Lovejoy St.
129. McCorkle, C. B.
1005 S. W. Wood
CA 8-2635
130. Mercer Steel Co., Inc.
2555 N. W. Nicolai St. (10)
131. Mesher Tool Co., Sam A.
1033-1037 S. W. Front Ave. (4)
CA 7-0609
132. Miller Electric Manufacturing Co.,
Inc.
4760 N. Harvard
BU 5-1651
133. Miller, H. C.
4550 N. E. Alberta (13)
AT 8-3700
134. Minder Chain & Gear Co., J. W.
307 S. E. Hawthorne Blvd. (14)
BE 6-1431
135. Montana Assay Co.
610 W. Second Ave. (4)
CA 2-3211
136. Muellenberg Co., J. F.
930 S. E. Oak St. (14)
BE 4-8377
137. Munnell & Sherrill, Inc.
1163 N. E. 63rd St.
AT 1-0021
138. Munro, D. R.
1801 N. W. Northrup St.
CA 6-3808
139. Murphy Industrial Supply Co.
2316 N. W. 22nd St.
140. O'Brien, John M.
7008 N. Interstate (17)
141. Ogle & Co., Jack
2505 S. E. 11th St. (2)
BE 5-4080
142. Ohio Knife Co., The
116 S. W. Pine St. (4)
CA 6-3431
143. Olsen-Hoe Transfer Co.
1438 N. W. Hoyt St. (9)
144. Oregon Handling Equipment Co.
2949 N. W. St. Helens Rd. (10)
CA 8-4196
145. Paramount Manufacturing Co.
1208 N. W. Glisan St.
146. Pacific Electric Sales Co.
140 S. E. 28th Ave. (15)
BE 5-4137
147. Pacific Metal Co.
303 N. W. Park (9)
148. Pacific Pumping Co.
526 N. W. Broadway (9)
CA 8-2121
149. Pacific Scientific Co.
1218 S. E. Seventh Ave. (14)
BE 4-9747
150. Peper, Norman G.
1446 S. E. 58th Ave. (15)
VE 2-8896
151. Perkins, Jr., John D.
11805 S. W. Butler Rd. (25)
152. Petersen, Tom
9823 S. W. Second Ave.
CH 6-2479
153. Portland Machinery Co.
208-216 S. W. First Ave.
CA 8-9633
154. Power Transmission Products
1107 N. W. 14th Ave. (9)
CA 7-1271
155. Pratto Sales Co.
423 N. W. Broadway (9)
CA 8-9701
156. Prentice Co., E. V.
2303 N. Randolph Ave. (12)
AT 2-3262
157. Reuter & Sons, M.
2230 S. E. Holgate Blvd. (2)
158. Reynolds Metals Co.
2027 N. W. Overton (9)
CA 8-9474
159. Rucker Co., The
911 N. W. Hoyt St. (9)
CA 3-0205
160. Rueger Co., The
516 Henry Bldg.
161. Rupp Co., Norman
103 S. W. Front Ave. (4)
CA 8-4311
162. Salmonson Co., Walter A.
1224 S. W. Morrison St. (5)
CA 7-0886
163. Schiefelbein, Ed
1730 N. W. 25th Ave. (10)
CA 3-5345
164. Scientific Supplies Co.
713 S. W. 12th Ave.
165. Shaffer & Nelson, Inc.
139 S. E. Taylor St. (14)
BE 4-7437
166. Sharon Steel Corp.
910 Weatherly Bldg. (14)
167. Shell Oil Co.
1220 S. W. Morrison St. (5)
CA 8-7321
168. Simonds Abrasive Co.
6500 N. E. Halsey St. (13)
AT 2-0933
169. Simonds Saw and Steel Co.
6500 N. E. Halsey St. (13)
AT 2-0933
170. Skil Corp.
5616 N. E. Glisan St. (13)
BE 4-7418
171. Smith, Stephen G.
1438 N. W. Hoyt St. (9)
CA 7-1455
172. Smythe Co., Ray
729 S. W. Adler St. (5)
CA 3-2238
173. Standard Oil Co. of California
520 S. W. Yamhill St.
CA 3-4161
174. Star Machinery Co.
3325 N. W. Yeon Ave. (10)
CA 8-7395

SALES OFFICES

OREGON

PORTLAND (cont.)

175. Sterling Electric Motors, Inc.
738 N. W. Glisan St. (9)
CA 8-4654
176. Stevens, O. E.
4509 N. E. 35th Ave. (11)
HE 2-3687
177. Swanton, Inc., Harold R.
212 N. W. 14th St. (9)
CA 7-0573
178. Syntron Seattle Sales Co.
430 S. E. 33rd Ave. (15)
HE 2-3687
179. Taraba Co., Joseph F.
1824 S. E. 50th Ave. (15)
HE 4-6491
180. Tudor & Associates, Inc., J. A.
1004 S. E. Belmont St. (14)
HE 2-1188
181. Tower Equipment Co.
P. O. Box 5766
OL 4-1745
182. Turner, Harry
1640 N. W. 14th Ave. (9)
183. Valvoline Oil Co.
2308 N. Clark Ave.
AT 4-1191
184. Van Waters & Rogers, Inc.
3950 N. W. Yeon Ave.
CA 2-1721
185. Vickers, Inc.
2505 S. E. 11th Ave. (14)
HE 4-9446
186. Wall-Western, Inc.
1717 N. W. 14th Ave. (9)
CA 8-6641
187. Wapakoneta Machine Co., The
4643 N. E. 35th Ave. (11)
AT 4-5504
188. Weimer, D. N.
7780 S. W. Montclair Dr. (25)
CH 6-5256
189. Weirton Steel Co., Div.
516 S. E. Morrison (14)
HE 4-7376
190. Western Industrial Manufacturers
Sales Co.
716 N. E. Third Ave. (14)
HE 4-9707
191. Western Industrial Supply Co.
208 S. E. Hawthorne St. (14)
EA 1511
192. Western Machinery Co.
1035 S. E. Ninth Ave. (14)
HE 6-4117
193. Woodbury & Co.
5851 N. Lagoon Swan Island (8)
P. O. Box 3858
194. Woods Machine Co., S. A.
1218 N. W. Glisan St. (9)
CA 3-3828
195. Wright & Co., Norman S.
3607 S. W. Corbett St. (1)
CA 3-9860

ROSEBURG

196. Bearing Sales & Service
460 N. E. Garden Valley Blvd.
197. Munnell & Sherrill, Inc.
1958 S. Stephens
Route 4, Box 50

SALEM

198. All-State Welding Alloys Co., Inc.
569 Churchdale Ave., North
EM 4-6428
199. Mill Supply Corp.
200. Salem Equipment & Supply Co.
3455 "D" St.
201. Salem Steel & Supply Co.
180 Court St.
EM 2-3678
202. Stevens Equipment Co.
110 Division St.
EM 4-8458
203. Valley Welding Supply Co.
325 S. High St.
Phone: 4-4446
204. Leeds & Northrup Co.
12185 S. W. Marion St. (23)
CA 8-1604

TIGARD

204. Leeds & Northrup Co.
12185 S. W. Marion St. (23)
CA 8-1604

PENNSYLVANIA

ABINGTON

1. Barksdale Co.
1219 Old York Rd.
TU 7-2935
2. Battersby Corp.
1522 Old York Rd.
TU 4-6650
3. General Radio Co.
1150 York Rd.
HA 4-7419
4. Merchant, H. F.
1424 York Rd.
TU 4-7035
5. Penn. Scientific Products
1000 Old York Rd.
TU 7-0375
6. Ribble Co., C. H.
1468 Old York Rd.
TU 7-7755
7. Smartt, Harold R. Jr.
Box 14, 1079 Huntington Rd.
TU 4-6013

ALLENTOWN

8. Allis Chalmers Manufacturing Co.
508 Turner St.
HE 4-9366
9. Aluminum Co. of America
1132 Hamilton St.
HE 3-7463
10. Blue Valley Welding Supply Co.
N. Seventh St. Ext.
11. Carney Machinery Co.
Green and Meadow Sts.
HE 3-5254
12. Colson Corp., The
41 N. Eighth St.
SW 7-3191
13. Crowder Co., H. N.
446 Union St.
HE 5-1551
14. East Penn. Machinery Co.
P. O. Box 364
EX 5-2997
15. Exact Weight Scale Co.
3106 Lehigh St.
16. Garnet Supply Corp.
911 N. Lumber St.
HE 5-4747
17. General Electric Co.
1132 Hamilton St.
HE 5-9635
18. Hertz Supply Co., Inc.
1210-16 Turner St.
HE 4-7271
19. Houghton & Co., E. F.
35 N. 18th St.
HE 2-2907
20. I-T-E Circuit Breaker Co.
739 Hamilton St.
HE 5-9664
21. Keystone Bearing & Supply Co.
Second and Hamilton Sts.
22. Koenig, Walter
P. O. Box 57
HE 5-3821
23. Larson Supply Co.
310 Hanover Ave.
24. Lock Equipment Co.
1830 Green St.
25. Marthinson, O. E.
1122 Hamilton St.
HE 7-1881
26. Mid-West Abrasive Co.
1401 S. Albert St.
27. Pennsylvania Supply & Manufacturing
Co.
113 N. Church St.
HE 4-5295

28. Reynolds Metals Co.
956 Hamilton St.
HE 5-2851
29. Sofranscy, Morris L.
1548 Walnut St.
HE 2-3742
30. Sun Oil Co.
Old Emmaus Pike, R. D. #2
HE 4-9531
31. Taylor & Co., Wm. H.
250 Hamilton St.
HE 4-7241
32. Whiddett Co., John C.
106 N. Ninth St.
33. Young & Co., M. S.
736 Hamilton St.

ALLISON PARK

34. Aro Equipment Corp.
2457 Trotter Dr.
ST 1-2439

ALTOONA

35. Automotive Supply Co., Inc.
1917 Margaret Ave.
36. Pittsburgh Gage & Supply
2701 Beal Ave.

AMBLER

37. Elliott, Edward H.
419 Wyndon Rd.
MI 6-7321
38. Erickson Tool Co.
39 N. Main St.
MI 2-5887
39. Lightfoot & Sons, William
Skeppack Pike
MI 6-2200
40. Miller, Heber J.
Valley Brook rd. and Glen Mawr Dr.
MI 6-1859
41. Sandilos, George
Argyle and Cedar Rds.
MI 6-6130

ARDMORE

42. Bartlett, Frederic S.
35 Cricket Ave.
MI 2-7717
43. Bath & Co., Inc., John
121 Coulter Ave.
MI 2-9992
44. Carbine Co., Thomas J.
110 Lindwood Ave.
45. Cuno Engineering Corp., The
121 Coulter Ave.
MI 2-4041
46. Day Engineering Co.
27 Rittenhouse
MI 9-1509
47. De Laval Separator Co., The
121 Coulter Ave.
MI 9-3237
48. Hein Co., Louis H.
15 W. Lancaster Ave.
GR 3-3444
49. Hertrich, Fred
39 E. Golfview Rd.
HI 6-0482
50. Kearney & Trecker Corp.
Suburban Square Bldg., Room 400
MI 9-3150
51. McBeth Machinery Co.
Suburban Square Bldg.
MI 9-2281
52. Optical Apparatus Co.
130 Coulter Ave.
MI 2-1636-3613
53. Rothenheber & Co.
53 Cricket Ave.
MI 2-6911
54. Russell, Burdsall & Ward Bolt and
Nut Co.
P. O. Box 629
MI 2-1717
55. Surface Combustion Corp.
Suburban Square Bldg., Room 406
MI 2-5390

SALES OFFICES

PENNSYLVANIA

56. Warner and Swasey Co., The
Suburban Square Bldg.
MI 2-5401
57. Whiting Corp.
9 Rittenhouse Pl.
MI 2-8100

ATHENS

58. J. & F. Tool & Diecasting Corp.
P. O. Box 175

AVOCA

59. Esso Standard Oil Co.
R. D. #2, Suscon Rd.

BALA CYNWYD

60. Acme Steel Co.
1 Bala Ave.
MO 4-6222
61. B-B Supply Co.
221 Rock Hill Rd.
MO 4-8780
62. Brush Beryllium Co., The
240 Bala Ave.
MO 4-6749
63. Calhoun Co., J. V.
349 Montgomery Ave.
GR 3-4477
64. Century Electric Co.
Bala Ave. at City Line
GR 7-4407
65. Crane Packing Co.
5 E. Montgomery Ave.
MO 4-3388
66. Grainger's Sales Engineering
133 Montgomery Ave.
67. Granger Sales & Engineering
728 Stradone Rd.
MO 4-2093
68. Jackson Engineering Co.
211 Ford Rd.
MO 4-9611
69. Maddock & Co.
55 Rockhill Rd.
TR 8-4700
70. Metalclean Equipment Co.
177 Stoneway La.
GR 3-9000
71. Material Handling Equipment Co.
111 Union Ave.
72. Philadelphia Tool Co.
29 Bala Ave.
MO 4-8353
73. Producto Machine Co.
214 Rock Hill Rd.
74. Raymond, Keefe H.
9 Union Ave.
MO 4-6070
75. Reliance Electric and Engineering Co.
225 Bala Ave.
TR 8-5020

BEAVER

76. Davis, M. F.
1260 Park Pl.
BE 2250M
77. Sun Oil Co.
State Rd., Vanport
SP 4-9440

BEAVER FALLS

78. Stein, James C.
24 N. Old Oak Dr.
Phone: 6795

BELLEFONTE

79. Sutton Engineering Co.
EL 5-4774

BELLEVUE

80. Weatherhead Co., The
154 Straw Ave. (2)
PO 1-2200

BETHAYRES

81. Lange Co.
Box 94
TU 4-2994
82. Starrett, P. E.

BETHEL PARK

83. Cooke-Wilson Electric Supply Co.
3000 Oakhurst Rd.
84. Delaware Tool Steel Corp.
3018 Oakhurst Rd.
CO 1-3911
85. Exact Weight Scale Co., The
960 Logan Rd.
LO 1-6404
86. Kovach Co., R. R.
37 Alton Dr.
TE 5-6296

BETHLEHEM

87. Autolift Accessory & Engineering Co.
P. O. Box 1004
UN 8-7671
88. Bahrman, Wilbur
P. O. Box 1294
89. Crowder, Jr., Co., H. N.
1107 Eaton Ave.
90. Hajoca Co.
91. Lincoln Electric Co., The
1836 Jennings St.
UN 8-8671
92. Raymond, Keefe H.
940 Walters St.
UN 8-2268
93. Tydeman & Son, Inc., W. A.
P. O. Box 1105
2224 Industrial Dr.
UN 7-8655
94. Valley Supply & Equipment Co., The
634 Stefan Blvd.
P. O. Box 499
UN 6-8079

BLAIRSVILLE

95. Hunter Co., Inc., F. H.

BRADFORD

96. B-B Electric Supply Co.
80 Boylston St.
97. Bovaird & Seyfang Manufacturing Co.
161 Main St.
Phone: 6125

BRIDGEVILLE

98. Abrasive Engineering Co.
P. O. Box 213
LE 1-0700
99. Universal-Cyclops Steel Corp.
Station St.
CA 1-8000

BRISTOL

100. Carborundum Co.
Green Lane Rd.
ST 8-5561
101. Minnesota Mining & Manufacturing Co.
Box 119
WI 5-2800

BROOMALL

102. Gobrecht, George W.
14 Linden Dr.
EL 6-1881
103. Ohio Crankshaft Co., The
Malin Rd.
EL 6-1848
104. Powers & Son, J. J.
613 Marshall Dr.
105. Sweet Associates, H. E.
2166 Brookthorpe Cir.
EL 6-4545

BROWNSVILLE

106. Sun Oil Co.
Route 88, W. Brownsville
ST 5-7400

BRYN MAWR

107. Cain & Associates, F.
P. O. Box 25
LA 5-7108
108. Ferris, K. F.
305 Bryn Mawr Ave.
LA 5-7075
109. Huck Manufacturing Co.
128 Lee Cir.
LA 5-8120
110. Kennedy Co., J. Howard
630 Lancaster Ave.
LA 5-0321
111. Mynott, Geoffrey P.
819 Montgomery Ave.
LA 5-7614
112. Resistoflex Corp.
630 Lancaster Ave.
LA 5-6159
113. Valdel, Inc.
P. O. Box 208
LA 5-0321
114. Vaux, George
320 Caversham Rd.
LA 5-4517

BUTLER

115. Dunham-Jackson, Inc.
221 N. Monroe St.
BU 7-1975
116. Keystone Pipe & Supply

CAMP HILL

117. Morrison, E. E.
111 N. 30 St.
Box 36
RE 7-9514
118. Scouler Co., James F.
Double M. Bldg.
2120 Market St.
RE 7-3662

CANONSBURG

119. American Heller Corp.
646 E. McMurray Rd.
WI 1-7953 (Pittsburgh)
120. Walker, H. M.
Grandview Dr.
McClintock Acres, R. D. #2
MC 1060

CHALFONT

121. Rogers, Howard S.
Clearview Rd., R. D. #1
VA 2-9308

CHAMBERSBURG

122. Girard Associates
P. O. Box 248
CO 3-4117

CHARLEROI

123. Mel-Aire Co.
302 Fourth St.

CHELTENHAM

124. Graf Co., John G.
501 Central Ave.
ES 9-5319
125. Hoenig, J. G.
122 Parkview Rd.
126. Hydraulic Service Co.
522 Cottman St.

CHESTER

127. Bridge Sons, John
Ninth and Pennell Sts.

SALES OFFICES

PENNSYLVANIA

CHESTER (cont.)

- 128. Hardware & Supply Co. of Chester
Edgmont and Fourth Sts.
CH 3-6116
- 129. Joyce & McBride, Inc.
406-12 Ward St.
CL 9-1130
- 130. Tyson, Allan G.
9 W. Third St.
Phone: 3-7161

CLARION

- 131. Charles Tool & Supply
1073 E. Main St.
P. O. Box 606
CA 6-8420

CLARK SUMMIT

- 132. Vascoloy-Ramet Corp.
P. O. Box 188
Phone: 6-9227

COATESVILLE

- 133. Lukens Steel Co.

COLLEGEVILLE

- 134. City Tool Corp.
44 W. Seventh Ave., Trappe
HU 9-8569

COLUMBUS

- 135. Kinsey Co., E. A.
1020 W. Fifth Ave. (S)

CORAOPOLIS

- 136. Burkhart, Clark
2022 Montour St.

CORAOPOLIS HEIGHTS

- 137. Elgin National Watch Co.
201 Hyeholde Dr.
AM 4-4360

CORRY

- 138. Xander Co., Al
523 Wright St.
Phone: 2-5551

DEVON

- 139. Bell, P. Franklin
112 Hunter La.
MU 8-5011
- 140. Kennedy, Raymond D.
206 Devon Blvd.
MU 8-5546
- 141. Limone, Louis J.
325 Spencer Rd.
BE 4917
- 142. Magnethermic Corp.
237 Lancaster Ave.
MU 8-4758
- 143. National Automatic Tool Co., Inc.
237 Lancaster Ave.
MU 8-4447
- 144. Shute, Henry C. C.
61 Steeplechase Rd.
MU 8-2732

DREXEL HILL

- 145. Brisben, H. A.
830 Ormond Ave.
SU 9-4527
- 146. Burdge, David S.
22 Valley Rd.
- 147. Englewood Co., Inc.
State Rd. at Township Line
CL 9-1280
- 148. Etzler Co., C. E.
804 Roberts Ave.
SU 9-8535
- 149. Huck Manufacturing Co.
2419 Bond Ave.
SU 9-7447

- 150. Lincoln Electric Co., The
P. O. Box 268
KI 3-9462

- 151. Ostrom and Co., Inc., K. Wm.
333 Shadeland Ave.
CL 9-1130

- 152. Rankin Co., Walter A.
4610 State Rd.
CL 9-1313

- 153. Whiddett Co., John C.
3850 Garrett Rd.
CL 9-3536

DUNMORE

- 154. Franel, Inc.
300 S. Balkely St. (12)
DI 3-1123

DUQUESNE

- 155. Industrial Distributors, Inc.
101 Homestead-Duquesne Rd.

EAST McKEESPORT

- 156. Pitt Machinery Co.
701 Lincoln Hwy.
EL 1-1288

EASTON

- 157. Loscy & Co., Inc.
122-124 S. Third St.
EA 3-3511
- 158. Schaller Co., R. T.
1627 Northampton St.
P. O. Box 29
BL 2-2435

EDGEMONT

- 159. Barnett, Jr., Sam
P. O. Box 70
EL 6-7081

EIGHTYFOUR

- 160. Schrenker, John S.
Nottingham Farms Rd., R. R. #1

EMMAUS

- 161. Machinery Assoc., Inc.
629 Evergreen Ave.
- 162. Shipley Machinery Co., W. E.
P. O. Box 73

EMPORIUM

- 163. Automation for Industry
520 Broad St.

ERDENHEIM

- 164. Bellows Co., The
400 Bethlehem Pike
AD 3-1528

ERIE

- 165. Allied Plating Supply
- 166. Barney Machinery Co.
321 Beverly Dr.
ER 6-4375
- 167. Bearings, Inc.
812 Buffalo Rd.
Phone: 4-6349
- 168. Bellows Co., The
28 W. 12th St.
Phone: 4-8086
- 169. Boldt Machinery and Tools
16 W. 12th St.
P. O. Box 798
Phone: 2-6789
- 170. Boyd Welding Co.
160 E. Eighth St.
ER 2-3564
- 171. Brace-Mueller-Huntley, Inc.
P. O. Box 802
- 172. C. G. L. Supply Co., Inc.
421 W. 12th St.
Phone: 4-4528
- 173. Cheropovich, Nick
2616 Ash St.

- 174. Cleveland Tramrail Div.
2401 W. 12th St.
Phone: 23-198

- 175. Cohen Industrial Supply Co.
2615 Peach St.
Phone: 4-2451

- 176. Cross Co., James H.
2765 W. Eighth St.
ER 3-1104

- 177. Erie Industrial Electrical Supply Corp.
15th and Cherry Sts.
Phone: 2-6871

- 178. Erie Industrial Supply Co.
1616 W. Eighth St.
GL 2-3231

- 179. Erie Industrial Trucks, Inc.
1012 Liberty St.
Phone: 5-3607

- 180. Erie Manufacturing & Supply Corp.
1215 Peach St.
Phone: 2-1451

- 181. Erie Materials Handling Co.
2401 W. 12th St.
ER 4-5239

- 182. General Electric Co.
1001 State St. (2)
Phone: 4-1551

- 183. Greenleaf Co., Walter J.
P. O. Box 617
ER 2-3385

- 184. High Pressure Equipment Co., Inc.

- 185. Hiller Co., Ralph A.
21 W. 11th St.
ER 4-0432

- 186. Hooven, R. L.
911 Powell Ave.
Phone: 38-005

- 187. Houghton & Co., E. F.
P. O. Box 337
Phone: 5-4505

- 188. Keep Lift Trucks
1625 Ash St.

- 189. Kennametal, Inc.
3615 W. Ridge Rd.
Phone: 3-6561

- 190. Kimmel Rubber Stamp & Printing
Works
920 W. 12th St.

- 191. Klingensmith & Associates, B. C.
340 Arbuckle Rd.

- 192. Kramer, Christian G.
1011 Holland St.
ER 5-2060

- 193. MacInnes Steel Sales Co.
202 Marine Bank Bldg.
ER 29-4314

- 194. Mallory, Walter
230 E. Ninth St.
Phone: 2-4282

- 195. McDaniels Machinery Co.
727 Napier Ave.
Lawrence Park
ER 8-4580

- 196. Merit Machinery, Inc.
407 Young Rd.
ER 99-3024

- 197. Modern Machinery Sales Co.
1565 W. 12th St.
Phone: 6-2729

- 198. Motch & Merryweather Machinery
Co.
627 Connecticut Dr.
Phone: 4-5151

- 199. Murray Co., James S.
507 W. Sixth St. (6)
Phone: 29-3285

- 200. National Grinding Wheel Co., Inc.
1422 Pearce Park

- 201. Oblom, Fred C.
28 W. 12th St.
ER 6-2488

- 202. Perry Mill Supply Co.
1115 W. 12th St. (6)
Phone: 4-4591

- 203. Presque Isle Paper Co.
2007 Peninsula Dr.

- 204. Reed Supply Co.
2230 W. Eighth St.
Phone: 2-3389

PENNSYLVANIA

205. Schabacker, Darrow
619 W. Sixth St.
Phone: 5-1181
206. Sun Oil Co.
Lake Rd. and Carver Ave.
ER 8-3131
207. Tri-State Machinery Co.
1804 Asbury Rd.
Phone: 3-1295
208. United Industrial Supply Co.
1816 German St.
209. Ulrich, Paul R.
1045 W. 26th St.
Phone: 4-4966
210. Voss Machinery Co.
541 E. Sixth St.
ER 5-9921
211. Warner & Swasey Co., The
58 W. 12th St.
ER 2-4711
212. Welders Supply Co.
2005 Peach St.
Phone: 7-9303
213. Weller Co., H. P.
1913 Commercial St.
ER 2-1401

ETNA PITTS

214. Parke Co., H. B.
936 Butler St. (23)

ETTERS

215. Wesson Co.
R. F. D. #1
YE 8-3112

EXETER

216. Sun Oil Co.
7 Kern St. (7)
OL 4-6795

FACTORYVILLE

217. All-State Welding Alloys Co., Inc.
Mathewson Ter.
FA 5-4751

FEASTERTOWN

218. Watson Hardware Co.
28 W. Street Rd.
219. Wendig, R.
29 Brookside Dr.
EL 7-4252

FINLEYVILLE

220. Van De Water, G. E.
11 Ridge Ave.
DI 8-5523

FLOURTOWN

221. Carlin Co., J. A.
1110 Bethlehem Pike
CH 8-3222
222. Heins, Jr., J. J.
851 Meadow St.
AD 3-3421
223. Holloway, E. N.
1304 Kopley Rd.
AD 3-1751
224. Philadelphia Abrasive Supply
1110 Bethlehem Pike
CH 8-3635
225. Potter, W. H.
1316 Bethlehem Pike
CH 7-5155
226. Wert, Charles H.
247 Arlingham Rd.
AD 3-0897

FORT WASHINGTON

227. Carpenter Steel Co., The
Fort Washington Industrial Park
CH 8-2500
228. Leeds & Northrup Co.
Fort Washington Industrial Park
MI 6-5506

FRANKLIN

229. Jolley Industrial Supply Co.
P. O. Box 329
630 Franklin Oil City Rd.
ID 2-2149
230. Lincoln Electric Co.
741 Liberty St.
ID 2-2519
231. Syntro Pittsburgh Sales Co.
R. D. #1
ID 2-2782

GIBSONIA

232. Kapiag, W. E.
P. O. Box 197
HI 3-5680
233. Van Campen, B. R.
R. D. #2, Box 34
HI 3-2550

GLADWYNE

234. Mele, John M.
1614 Sweet Briar Rd.
MI 2-3407

GLENSHAW

235. Harrigan, Vincent J.
1808 Park Circle Dr.
HU 6-6420
236. Ridley, J. C.
Farmview Dr.

GLENESIDE

237. Abrasive Cutting & Engineering
110 S. Keswick Ave.
TU 7-2414
238. Clark Co., John P.
124 S. Easton Rd.
TU 7-1776
239. Eriex Manufacturing Co.
P. O. Box 178
TU 4-0331
240. Holland, Stanley
124 S. Easton Rd.
TU 7-1822
241. Marathon Electric Manufacturing Corp.
124 S. Easton Rd.
TU 4-4668
242. Purdy, Ben
712 Willow Gr.
TU 4-6061
243. Reddy & Co., J. T.
162 S. Easton Rd.
WA 7-0212
244. Robbins, Robert F.
110 S. Keswick Ave.
TU 7-2414
245. Sahms, Frank F.
419 Twickenham Rd.
TU 4-2559
246. Spindell, Philip E.
739 N. Easton Rd.
TU 7-7400

GREENSBURG

247. Harvey Welding Service, Inc.
S. Main St.
Phone: 1015
248. N. Y. & N. J. Lubricant Co.
303 Center Ave.
GR 1605
249. Sun Oil Co.
Roosevelt Wy. and Route 119
GR 3600
250. Westmoreland Hardware Co.
226 Mt. Pleasant St.
Phone: 2202

HALLSTEAD

251. Bumpus, A. E.
New York Ave.
TR 9-2234

HARRISBURG

252. Appleby Bros. & Whittaker Co.
216 S. Second St.
CE 8-8174

253. Clark Materials Handling Co.
3908 Jonestown Rd., Route #22, East
KI 5-2761
254. Clarke, Gordon W.
221 N. Second St.
CE 6-2375
255. Colson Corp., The
112 N. Second St.
CE 4-5741
256. Eckert, Fred L.
24 Taylor Blvd.
CE 3-1564
257. Esso Standard Oil Co.
3535 N. Sixth St.
258. Fork Lifts, Inc.
635 N. Cameron
259. General Machinery & Equipment Co.
140-44 S. 17th St.
CE 4-8082
260. Harrisburg Hardware Co., Inc.
236 Second St.
261. Herr Welding Supply
1928 Greenwood St.
CE 8-6722
262. Houghton & Co., E. F.
P. O. Box 13
RE 7-2809
263. Production Machinery Distributors
2010 Greenwood St.
FL 2-1207
264. Raub Supply Co.
3865 Derry St.
CE 8-1711
265. Rupp, Christian F.
2740A Green St.
CE 4-7286
266. Snap-on Tools Corp.
210 S. 17th St.
CE 2-6854
267. Sun Oil Co.
Derry St. and Oberlin Rd.
JO 4-2000
268. Yale & Towne Manufacturing Co.,
The
6691 Allentown Blvd., Box 10
KI 5-5538

HATBORO

269. Magna Engineering Sales Co., Inc.
579 Jefferson Ave.
OS 5-0339
270. Montgomery, Thomas
Huntingdon and Terwood Rd.
271. Quaker State Machine & Supply Co.
12 Newington Dr.

HAVERFORD

272. Chicago Rawhide Manufacturing Co.
355B Lancaster Ave.
MI 9-0856
273. Thomas-Willett Corp.
Haverford Square Bldg.
MI 2-8166
274. Universal-Cyclops Steel Corp.
P. O. Box 179
MI 9-2500-01

HAVERTOWN

275. Beatty, L. R. & J. L.
P. O. Box 536
919 E. Darby Rd.
GR 6-1613
276. Bonner, E. T.
116 Golf Hills Rd.
HI 7-0137
277. Brown, E. G.
1801 Robinson Ave.
HI 7-1801
278. Eaton Co., The
122 W. Chester Pike
P. O. Box 725
HI 6-1881
279. Kingram Tool & Machine Co.
101 Township Line Rd.
P. O. Box 585
SU 9-4959

SALES OFFICES

PENNSYLVANIA

HAVERTOWN (cont.)

- 280. Marshall, Howard
128 Lincoln Ave.
- 281. Optical Gaging Products, Inc.
122 W. Chester Pike
SU 9-7477
- 282. Thomson Manufacturing Co., Judson
L.
22 N. Manoa Rd.
HI 6-8102
- 283. Transue, Gerald O.
1228 Bon Air Rd.
HI 6-6085

HAZLETON

- 284. Gardner-Denver Co.
P. O. Box 17
GL 4-8061

HERSHEY

- 285. Udylyte Corp., The
P. O. Box 187
KE 4-2280

HOPWOOD

- 286. Ingersoll-Rand Co.
P. O. Box 66
GE 6-1781

HUNTINGDON

- 287. Miller Hardware Co., C. H.
708 Washington St.

INDIANA

- 288. Harvey Welding Service, Inc.
750 Washington St.
- 289. Syntrol Central Pennsylvania Sales
Co.
Rend Bldg.
HO 5-4805

IRWIN

- 290. Barry-Ward Supply Corp.
405 Main St.
UN 3-2224
- 291. Bithell, Jack
1112 Ninth Ave., Pnglyn
EM 1-0440
- 292. Irwin Auto Supply
319 Pennsylvania Ave.
- 293. Reliable Tool & Supply Co.
1112 Ninth Ave.
UN 3-6817

JENKINTOWN

- 294. Allen, Jules J.
1062 Marie Rd.
TU 4-3121
- 295. Brennan, Robert J.
215 Rodman Ave.
TU 4-7129
- 296. Laird Equipment Co.
Box 108, 204 Wyncote Rd.
TU 4-8198
- 297. Morse Chain Co.
York Rd. at Greenwood Ave.
TU 4-8330
- 298. Pirie Industrial Products
Box 244
VI 8-5467
- 299. Riley & Aleshire
615 Greenwood Ave.
TU 4-1708
- 300. Rotor Tool Co., The
Box 207
TU 7-4480

JOHNSTOWN

- 301. Esso Standard Oil Co.
Main and Bedford Sts.
- 302. General Electric Co.
841 Oak St.
Phone: 7-8764

- 303. Sun Oil Co.
Tunnel Ave., Riverside
JO 33-2111

- 304. Thackray Co., The
1036-1062 Broad St.

KING OF PRUSSIA

- 305. Fisher Scientific Co.
Gulph Rd., Route 23
- 306. Weatherhead Co., The
104 Hawthorne Rd.
BR 9-1924

KINGSTON

- 307. Autolift Accessory & Engineering
Box 1088
414 Market St.
BU 7-1148
- 308. Bellows Co., The
303 Market St.
BU 8-2090
- 309. Harris Hardware & Supply Co.
660 Market St.
BU 7-2121
- 310. I-T-E Circuit Breaker
P. O. Box 606
BU 7-1943
- 311. Morton Mill Supply Co.
25 W. Dorrance St.
- 312. Neale Co., J. L.
74 Wesley St.
BU 7-3155

KINTNERSVILLE

- 313. Otterson, C. D.
Bucks County

LAFAYETTE HILL

- 314. Bradley-Eastman Co., H.
2334 S. Gilling Rd.
TA 8-1885
- 315. McCrea, John B.
4621 N. Warner Rd.
- 316. Tools, Inc.
638 Ridge Pike
TA 8-8881

LANCASTER

- 317. Hatfield Co., R. E.
165 E. King St.
EX 7-5177-7-5178
- 318. Herr & Co.
Prince and Chester Sts.
EX 4-7271
- 319. Hilt, Vernon G.
76 Fresh Meadow Dr.
TR 2-6036
- 320. Jackson-Walter Co.
154 N. School La.
EX 3-2234
- 321. Lancaster Foundry & Supply
608 N. Prince St.,
P. O. Box 1412
- 322. Lightner, Harry J.
428 E. King St.
EX 2-4529
- 323. McBeth Machinery Co.
76 Fresh Meadow Dr.
TR 2-6036
- 324. Penn Industrial Equipment Co.
P. O. Box 543
Phone: 4-6721
- 325. Raub Supply Co.
James and Mulberry Sts.
Phone: 6221
- 326. Reilly Bros. & Raub
44 N. Queen St.
EX 2-2131
- 327. Smith, Harold E.
P. O. Box 345
412 W. Marion St.
EX 3-3631
- 328. Steinman Hardware Co.
26-28 W. King St.
EX 7-5232
- 329. Williamson Associates, Inc.
139 Nevin St.
P. O. Box 531
EX 4-1546

- 330. York, Allan W.
742 New Holland Ave.
EX 2-1080

LANCHORNE

- 331. Frenier, L. E.
Phone: 2780

LANDSDOWNE

- 332. Brunhouse-Harris Co.
204 N. Wyncombe Ave.
- 333. Fankhanel, Jr., Ralph F.
53 N. Union Ave.
MA 3-2141
- 334. Harshaw, James D.
292 Highland Ave.
MA 3-2780
- 335. Holmes, C. Whitney
275 Windermere Ave.
MA 3-7219
- 336. Mac-it Parts Co.
98 Walsh Rd.
MA 6-7634
- 337. Matz, William M.
Box 4
33 Lexington Ave.
MA 6-0717
- 338. Pangborn Corp.
Lansdowne Center Bldg.
MA 3-5022-SH 8-1236
- 339. Standard Gage Co., Inc.
15 S. Lansdowne Ave.
MA 3-4360
- 340. Webb Co., Jervis B.
23 E. Albermarle Ave.
MA 3-7789

LATROBE

- 341. Latrobe Foundry, Machine & Supply
Co.
P. O. Box 431
KE 7-3341
- 342. Vascology-Ramet Corp.
1918 Sloan Ave.
KE 7-6189

LAWRENCE PARK

- 343. McDaniels, E. P.
725 Napier Ave.
ER 8-4590

LEBANON

- 344. Krause Hardware Co., Geo.

LEETSDALE

- 345. Chandler-Boyd Co.
P. O. Box 6-2300

LESTER

- 345A South Chester Corp.

LEVITTOWN

- 346. Hanley, Russell M.
61 Sugarmaple La.
WI 6-8350
- 347. Wallace, Don
2 Seckelpark Rd.
WI 5-2789

LEWISBERG

- 348. Busser Supply Co.

LIGONIER

- 349. Kerns Co., L. R.
Box 344
BE 8-9195

MALVERN

- 350. Maley, Richard
8 Queen Ann La.
MA 5763-M

MARCUS HOOK

- 351. Sun Oil Co.
10th and Green Sts.
CH 5-1184

SALES OFFICES

PENNSYLVANIA

McKEESPORT

- 352. Allison-Campbell Div.
2304 Ridge Rd.
WA 2-2100
- 353. Morgan, Carl
2112 Dalton St.
- 354. Phillips, Thomas
620 E. Pittsburgh Blvd.
OR 8-5222

MEADVILLE

- 355. Ellison, Vincent A.
781 Pennsylvania St.
ME 5-5774
- 356. Williams Machinery & Supply, F. H.
426 Park Ave.
ME 3-0751

MECHANICSBURG

- 357. Sinclair Refining Co.
P. O. Box 788

MEDIA

- 358. Maier Co., George S.
40 Wyncroft Dr.
LO 6-5960
- 359. Vickers, Inc.
State St. and South Avenue
LO 6-7900

MONROEVILLE

- 360. Polymer Corp. of Pennsylvania, The
258 Young's Dr.
VA 3-5341
- 361. Udyllite Corp., The
480 Colonial Dr.
DR 2-8266

MORRISVILLE

- 362. Wall Colmonoy Corp.
P. O. Box 205
Bristol Pike
CY 5-7111

MT. PENN

- 363. Industrial Abrasives Supply Co.
208 Oak Ter.
FR 2-2826

MUNCY

- 364. Sterling Electric Motors, Inc.
R. D. #2
MU 6-9282

NARBERTH

- 365. Atherhold, Brinton & Glover
814 Montgomery Ave.
MO 4-3826
- 366. Conner Machinery Co.
Main Line Professional Bldg.
MO 4-2690
- 367. Ives Equipment Corp.
114 Forrest Ave.
MO 4-8540
- 368. Jones & Lamson Machine Co.
913 Montgomery Ave.
MO 4-4132
- 369. Link Engineering Co.
P. O. Box 363
- 370. Process Equipment Sales Co.
327 Woodbine Ave.
MO 4-4342
- 371. Recknagel, R. O.
537 Oak Rd.
MO 4-2344

NAZARETH

- 372. Automation Products Co.
P. O. Box 233
NA 761

NESHAMINY

- 373. U. S. Equipment, Inc.
Easton Rd., Route 611
DI 3-1000

NEW BRIGHTON

- 374. Butler Gas Co.
1103 13th St.
P. O. Box 84

NEW CASTLE

- 375. Scott, W. W.
209 W. Winter Ave.
OL 2-5714
- 376. Huston Co., H. R.
124 E. Long Ave.
P. O. Box 550
OL 4-6661
- 377. Ingersoll-Rand Co.
2911 Wilmington Rd.
OL 2-2270

NEW CUMBERLAND

- 378. Calco Machinery Co.
455 W. Carol St.
CE 3-1628
- 379. Kilheffer, Harold
1602 Bridge St.
CE 3-3174

NEW KENSINGTON

- 380. Burrell Industrial Supply Co.
1 Fifth St.
ED 5-8555

NEWTOWN SQUARE

- 381. Beebe, Harold E.
3719 W. Chester Pike
P. O. Box 216
EL 6-1096
- 382. Fox Co., R. W.
3709 W. Chester Pike, Box 196
EL 6-2200
- 383. Lindberg Engineering Co.
3709 W. Chester Pike
EL 6-6900
- 384. McCrary, Roy A.
719 Wisteria Rd.
EL 5-7719
- 385. Swarr, David B.
123 Barren Rd.
EL 5-7719

NORRISTOWN

- 386. Allison-Campbell Div.
1626 Sheffield Dr.
RE 9-7460
- 387. Crafts Co., Inc., Arthur A.
512 Stanbridge St.
BR 2-5768
- 388. Joseph Co., E. R.
P. O. Box 189
- 389. Quillman Hardware & Supply Co.
Ridge Pike and Carland Rd.
BR 9-2390
- 390. Williams, Earle
18 Old Arch Rd.
Plymouth Valley
BR 9-7790

NORTH EAST

- 391. Industrial Equipment Co.
120 S. Lake St.
Phone: 1086
- 392. Perry Co., J. D.
120 S. Lake St.
NO 3-3701
- 393. Taccone Pneumatic Foundry
Equipment Co.
P. O. Box 468
Phone: 5-3309

NORTH HILLS

- 394. Tri County Supply Co.
2759 Mt. Carmel Ave.

OAKMONT

- 395. Diamond Saw Works, Inc.
513 11th St.
OA 397

OIL CITY

- 396. Oil Well Supply Co.

ORELAND

- 397. O'Brien, E. E.
2005 Paper Mill Rd.
LI 8-3449
- 398. Precision Tool & Engineering Corp.
Clement and Bruce Rds.
TU 7-6000
- 399. Scheid, Wm. H.
210 Pennsylvania Ave.
WA 7-4054
- 400. Stevenson, James E.
484 Garth Rd.
TU 7-2984

PAOLI

- 401. All-State Welding Alloys Co., Inc.
P. O. Box 722
BE 1223
- 402. Cuesta, Joseph
Box 873
BE 6020
- 403. Ozalid Branch Office
1800 E. Lancaster Ave.
Phone: 5110
- 404. Standard Die Set Co.
35 Central Ave.
- 405. Tucker, Jr., Harry K.
Box 722

PENNS PARK

- 406. Lindberg, C. E.
P. O. Box 51
LY 8-3921

PHILADELPHIA

- 407. A & W. Tools, Inc.
1450 Greenwood St. (50)
WA 4-1630
- 408. Aber & Co., Inc., J. S.
1703 S. 54th St.
SA 7-1111
- 409. Abington Engineering Co.
P. O. Box 2951
WI 7-3758
- 410. Acheson Colloids Co.
1426 Land Title Bldg. (10)
LO 7-7113
- 411. Acme Industrial Products, Inc.
322 E. Haines St. (44)
VI 8-5656
- 412. Acorn Industrial Products
5726 Rising Sun Ave. (20)
PI 2-7272
- 413. Air Flow Equipment Co.
Fourth and Spencer Sts. (20)
WA 7-0409
- 414. Airline Equipment Co., Inc.
301 E. Hunting Park Ave. (24)
GA 6-5820
- 415. Air Reduction Sales Co.
17th and Allegheny
SA 2-2000
- 416. Airmatic Tool Co.
7317-19 State Rd.
DE 3-5600
- 417. Alden Electric Tools & Service
1124 Spring Garden St. (23)
ST 7-1300
- 418. Alden Supply Co.
926 Arch St. (7)
WA 2-7910
- 419. Alemite Co.
704 N. 16th St. (30)
- 420. Allegheny Ludlum Steel Corp.
1617 Pennsylvania Ave. (3)
RI 6-4130
- 421. Allis-Chalmers Manufacturing Co.
1617 Pennsylvania Blvd. (3)
RI 6-8412
- 422. Aluminum Co. of America
123 S. Broad St. (9)
KI 5-0250
- 423. Alvey-Ferguson Co., The
210 Huntingdon Pike (11)
CH 7-7272

SALES OFFICES

PENNSYLVANIA

PHILADELPHIA (cont.)

424. Amalgamated Chemical Corp.
Rorer and Ontario Sts. (34)
GA 3-9200
425. American Brass Co.
111 W. Norris St. (22)
426. American Felt Co.
1024 Lafayette Bldg. (6)
WA 5-7899
427. American Optical Co.
66 N. Juniper St. (5)
LO 4-5719
428. American Pulley Co.
4200 Wissahickon Ave. (29)
BA 5-4400
429. American Smelting and Refining Co.
1336 Philadelphia National Bank Bldg.
Broad and Chestnut Sts. (7)
LO 7-5129
430. American Steel & Wire Div.
Suburban Station Bldg. (3)
LO 4-4990
431. Aminco Sales Corp. of Pennsylvania
705 Western Savings Fund Bldg.
PE 5-9165
432. Ampco Metal, Inc.
69th St., Garrett Rd. and Market St.
FL 2-5981
433. Andco Sales-Engineering
5823 Greene St. (44)
VI 4-9100
434. Apex Industrial Supply Co.
4635 Unruh St. (35)
435. Arcos Corp.
1500 S. 50th St. (43)
BA 7-1500
436. Arguto Oilless Bearing Co.
149 Berkley St. (44)
- 436A. Armco Steel Corp.
18-8 Philadelphia National Bank
Bldg. (7)
437. Armstrong Cork Co.
15th and Chestnut Sts. (2)
438. Aro Equipment Corp.
3701 N. Broad St. (40)
BA 9-2167
439. Arrow-Hart & Hegeman Electric Co.,
The
3201 Arch St. (4)
EV 6-1160
440. Atlas Machinery & Tool Co.
608 Arch St. (6)
441. Auto Wheel & Rim Co.
1363-65 Ridge Ave. (23)
442. Automation Aides
1618 Willow Ave. (26)
ME 5-0400
443. Baker Industrial Trucks
502 N. 19th St. (30)
LO 7-6464
444. Baldwin-Lima-Hamilton
SA 6-9300
445. Barker, George
822 Dorset St. (19)
TE 9-2232
446. Barol & Associates, Leonard
1502 Finance Bldg.
RI 6-6473
447. Barwood and Co.
3137 N. 15th St. (32)
SA 3-5660
448. Bauer, John A.
7941 Provident Rd. (50)
WA 4-2055
449. Bauer Machinery Co.
1114-16 Frankford Ave. (25)
GA 5-0681
450. Bausch & Lomb Optical Co.
1814 Chestnut St. (3)
RI 6-0831
451. Bearings, Inc.
1607 Hunting Park Ave.
452. Beemer Engineering Co.
401 N. Broad St. (8)
WA 2-0900
453. Belack, Stephen P.
229 W. Upsal St. (19)
GE 8-0315
454. Berlin, Joe
5922 N. Broad St. (41)
LI 9-4503
455. Berlin Supply Co.
446 60 N. Eighth St. (23)
WA 2-7653
456. Bertrand Co., George F.
101 N. 33rd St.
BA 2-8015
457. Beryllium Corp.
1617 Pennsylvania Blvd. (3)
LO 8-2071
458. Bethlehem Steel Co.
1617 Pennsylvania Blvd. (3)
459. Bischoff Chemical Corp.
2030 E. Cumberland St. (25)
460. Black & Decker Manufacturing Co.
333 N. 20th St. (3)
LO 4-5520
461. Black Machinery Co., William
7032 Montague St. (35)
462. Blakeslee & Co., G. S.
756 S. Swanson
HO 7-5719
463. Bliss Co., E. W.
18 W. Cheltenham Ave.
TE 9-2770
464. Bond Co., Charles
617 Arch St. (6)
DE 2-8500
465. Boston Gear Works
4100 N. 16th St.
DA 9-7800
466. Boyd Supply Co.
5564-5600 Baltimore
SH 8-1350
467. Boyer, Jr., Earle G.
18 Hilltop Rd. (18)
CH 7-1105
468. Boyes, Jack
5728 Rising Sun Ave. (20)
PI 2-7272
469. Brady Co., W. H.
4401 Germantown Ave. (40)
GL 7-0190
470. Brash, J. E.
18 W. Cheltenham (44)
TE 9-3099
471. Brass and Copper Sales, Inc.
4250 Macalester Ave. (24)
GL 7-2500
472. Bremble Co., John A.
6216 Chew Ave. (40)
TE 9-7303
473. Bridgeport Brass Co.
918 E. Locomotives St. (24)
474. Briggs Rubber Products Co.
136 Chestnut St.
MA 7-3819
475. Bristol Co., The
Market St. National Bank Bldg. (7)
RI 6-2386
476. Broadbent Equipment Co.
4801 Greenway Ave. (43)
SA 7-6601
477. Brosius, R. T.
1617 Pennsylvania Blvd. (3)
RI 6-6784
478. Brunner & Lay Rock Bit of
Philadelphia, Inc.
2514 E. Cumberland Rd. (25)
NE 4-8160
479. Buckeye Tools Corp.
101 N. 33rd St. (4)
BA 2-2376
480. Buehler Equipment Co.
341 N. 18th St. (3)
RI 6-6095
481. Buerger, Howard
1823 W. Cheltenham
CA 4-1740
482. Bunting Brass & Bronze, The
3119 N. 30th St. (32)
BA 3-7262
483. Buten & Sons, M.
5000 Ridge Ave.
484. Calco Machinery Co.
3701 N. Broad St. (40)
BA 9-9418
485. Campagna, Frank T.
1418 Walnut St.
PE 5-2114
486. Carpenters Machinery Co.
212 N. 11th St. (7)
WA 2-7034
487. Carrier Corp.
12 S. 12th St. (7)
MA 7-7100
488. Carter, Donlevy Co.
1426 Brandywine St. (30)
LO 2888
489. Casanave Supply Co., Inc.
2028 Sansom St.
RI 6-9040
490. Cass Co., Philip
40 N. Fifth St. (6)
491. Chain Belt Co.
4125 Whitaker Ave. (24)
GA 6-6150
492. Chamberlain, Austin
3054 Fairfield St. (36)
OR 3-2922
493. Champion Pneumatic Machinery Co.
1000 E. Mermaid La. (18)
CH 7-3577
494. Chase Brass & Copper Co.
20th and Venango Sts. (40)
BA 3-5800
495. Christy, William S.
5661 Ogontz Ave. (41)
LI 9-8200
496. Clark Controller Co.
119 Coulter Ave.
GR 7-0707
497. Cleco Div.
5220 N. Fifth St. (20)
DA 4-5500
498. Cleveland Cap Screw Co., The
4237 N. Second St. (40)
DA 9-8714
499. Cleveland Trammell Div.
945 S. 53rd
500. Collier Co., Thomas A.
1123 Western Savings Fund Bldg. (7)
KI 6-3826
501. Colson Corp., The
121 N. Broad St. (7)
RI 6-5897
502. Comley Equipment Co.
863 N. 28th St.
503. Conant, Roger
228 W. Cheltenham Ave. (44)
VI 8-3815
504. Consolidated Electrodynamics Corp.
101 N. 33rd St.
505. Cunningham Equipment, Inc., J. A.
2025 Trenton Ave.
GA 6-6650
506. Danly Machine Specialties, Inc.
511 W. Courtland St. (40)
DA 9-8565
507. Davison, Paul
8309 Old York Rd. (17)
TU 4-4905
508. Deburco, Inc.
808 W. York St.
509. Delaware Valley Industrial Supply &
Tool Serv.
6814 State St.
DE 2-3869
510. Delta Equipment Co.
148 N. Third St. (6)
MA 7-1860
511. Detrex Chemical Industries, Inc.
18 Fairmount Ave.
MA 7-7712
512. DeVilbiss Co., The
401 N. Broad St. (8)
WA 2-6700
513. Diamond, A. R.
259 W. Johnson St.
GE 8-2850
514. Diamond Specialty & Supply Co.
4924 Lancaster Ave.
GR 7-2900

PENNSYLVANIA

515. Diehl Manufacturing Co.
132 N. 12th St. (7)
LO 7-7215
516. Dietzen Co., Eugene
1009 Vine St. (7)
MA 7-5261
517. Dingle-Clark Co., The
844 Suburban Station Bldg.
1617 Pennsylvania Blvd. (3)
RI 6-1446
518. DoAll Philadelphia Co.
2053 E. Glenwood Ave. (24)
CU 8-7400
519. Dorsey Gage Co., Inc.
Driver Hardware Co., E. J.
2610 Germantown Ave.
BA 9-1431
521. Durez Plastics Div.
6 Penn Plaza (3)
LO 7-2180
522. E. & L. Tool Co.
15th and Tioga Sts. (40)
RA 5-4352
523. Eastern Saw Service
3952-54 Ludlow St.
EV 6-2429
524. Eclipse Air Brush Co.
Broad and Chestnut St.
RI 6-8129
525. Edern Sales, Inc.
P. O. Box 5333
526. Edgcomb Steel Co.
"D" st. below Erie Ave. (34)
GA 3-6300
527. Electro-Alloys Div.
Suburban Station Bldg. (3)
RI 6-5395
528. Elgin National Watch Co.
16 Broad St.
RI 6-4676
529. Erdman, Kenneth B.
7906 High School Rd.
Elkins Park (17)
MA 5-5099
530. Esso Standard Oil Co.
Essington Ave. and Powers La.
531. Exolon Co., The
662 General Scott Rd.
532. Fafnir Bearing Co., The
4006 Old York Rd. (40)
GL 5-2506
533. Fairbanks, Morse & Co.
401 N. Broad St. (8)
WA 2-4100
534. Feehery Machine & Grinding Co.
2317 N. 15th St. (32)
535. Feeny, Clement J.
228 E. Meade St.
CH 7-1591
536. Fenway Machine Co.
3107 N. Broad St.
BA 5-0450
537. Fifer & Beatty
538. Fitzpatrick and Walsh
2439 N. Ninth St. (33)
ST 7-4504
539. Fleming & Son, Paul J.
907 W. Wagner Ave. (41)
WA 4-1608
540. Flesh, Sr., E. A.
712 Belmont Ter.
GR 7-4935
541. Fluid Power, Inc.
3009 Memphis St. (34)
RE 9-3491
542. Flynn, Jr., Vincent J.
550 W. Rittenhouse St. (44)
VI 4-0300
543. Franklin, B. C.
8020 Cornelius St.
WA 7-2296
544. Frample Co., Joseph E.
1336 Rising Sun Ave.
545. Gallagher Co., Walter B.
520 Bethlehem Pike (19)
CH 7-1363
546. Gardner Co., Charles H.
3701 N. Broad St.
BA 5-4384
547. Gardner-Denver Co.
4309-11 Rising Sun Ave. (40)
GL 7-3150
548. Garlock Packing Co., The
20 S. 16th St. (2)
LO 7-7010
549. Garwood & Co., George
1900 Rittenhouse Sq. (3)
PE 5-2067
550. Gas Arc Supply Co.
225 N. 16th St.
551. General Electric Co.
3 Penn Center Plaza (2)
LO 8-1800
552. General Scientific Equipment Co.
7516 Limekiln Pike
P. O. Box 3038 (50)
553. General Tool Sales Co.
3945 N. Broad St. (40)
BA 5-7800
554. Glenn Co., Edward R.
1327 W. Clearfield (32)
BA 3-3263
555. Gray Co., Mort
1321 W. Airdrie St. (40)
BA 3-7854
556. Griffith-Raguse & Co.
3015 Fox St. (32)
BA 3-4858
557. Guardian Safety Equipment Co.
214-16 S. 45th St. (4)
EV 2-2350
558. Gulf Oil Corp.
City Ave. at Schuylkill Expressway
(1)
GR 3-5105
559. Guyer, Jr., J. P.
1324 Clearfield St.
560. Hahn, Louis C.
465 N. Fifth Ave.
SH 8-1488
561. Hannifin Co.
3701 N. Broad St. (40)
BA 8-9312
562. Hanson & Co., E. M.
5890 Limekiln Pike
P. O. Box 6546 (38)
WA 4-7808
563. Hanson-Van Winkle-Munning Co.
Fourth and Ranstead St. (6)
WA 5-2889
564. Hardinge Brothers
4013 Walnut St. (4)
EV 2-5511
565. Harnischfeger Corp.
944 Suburban Office Bldg. (3)
RI 6-0572
566. Harris Industrial Saw Co.
S. E. Corner Bristol and Allen Sts.
(37)
CU 8-3020
567. Harshaw Scientific Div.
Jackson and Swanson Sts. (48)
568. Heppenstall Co.
P. O. Box 9727 (40)
BA 5-7283
569. Hepworth Machine Tool Co.
2311-17 N. 16th St. (32)
SA 2-5143
570. Herbach & Rademan, Inc.
1204 Arch St. (7)
LO 7-4309
571. Hercules Hose & Rubber Co.
2315 N. 15th St.
BA 3-6605
572. Hicks, Robert
8309 Old York Rd. (17)
TU 4-4905
573. Hill & Son Co., Fred
Tenth and Cherry Sts. (7)
574. Hobart Welders Sales, Inc.
3908-10 Lancaster Ave. (4)
575. Hoffman-Baumruck Co.
3138 N. Broad St. (32)
BA 3-5891
576. Holtzer Cabot Div.
7046 Castor Ave. (11)
PI 2-4646
577. Houghton & Co., E. F.
303 W. Lehigh Ave. (33)
RE 9-7100
578. Hovey Spray Equipment Co.
63rd and Vine Sts. (39)
579. Huck Manufacturing Co.
702 Oak Terrace Dr.
VI 4-0310
580. Hughes, Frank W.
Suburban Station Bldg. (3)
RI 6-5066
581. IBM Corp.
123 S. Broad St. (9)
KI 5-8470
582. I-T-E Circuit Breaker
101 N. 33rd St., Suite 201 (4)
EV 6-0900
583. Ideal Industries, Inc.
1417 W. Hunting Park Ave. (40)
DA 9-5567
584. Industrial Lift Truck Co.
2900 E. Tioga St.
585. Industrial Products Co.
2820 N. Fourth St. (33)
586. Industrial Supplies Co.
1225-31 Cottman Ave.
PI 2-6200
587. Industrial Transmission Machinery, Inc.
209 N. Third St. (6)
588. Ingersoll-Rand Co.
2037 Chestnut St. (3)
LO 7-7535
589. Interstate Machine Co., Inc.
"A" and Venago Sts.
GA 6-6040
590. Jackson-Walter Co.
2027 Arch St. (3)
RI 6-7470
591. James, Edward
1625 Ruscomb St.
DA 9-1931
592. Jessop Steel Co.
225 S. 15th St.
PE 5-4832
593. Johnson Bronze Co.
1434 Belfield Ave. (40)
DA 4-1861
594. Jones & Laughlin Steel Corp.
Suburban Station Bldg. (3)
RI 6-0750
595. Jowitt & Rogers
1017 N. Front St.
596. Kaco Tool Co.
20th and South Sts. (40)
KI 5-5686
597. Kaiser Aluminum & Chemical Sales, Inc.
3 Penn Center Plaza (2)
LO 8-0634
598. Kearney Engineering Co.
2010 Naudain St. (46)
PE 5-1630
599. Keel & Co., Inc.
65 W. Pennsylvania St. (44)
600. Kennametal, Inc.
3701 N. Broad St. (40)
BA 9-3442
601. King Tester Corp.
444 N. 13th St. (23)
WA 5-2481
602. Konstance Co., Charles A.
3921 Broad St., North
BA 5-2470
603. La France Precision Casting Co.
29th and McKean Sts. (45)
HO 5-7106
604. Lance, Inc., Lemuel R.
Fifth and Courtland Sts. (40)
DA 4-0700
605. Lanco Engineering Sales Co.
409 Wilford Bldg.
33rd and Arch Sts. (4)
EV 6-8835
606. Latimer Co., Robert L.
24 N. Front St. (6)
MA 7-3982

SALES OFFICES

PENNSYLVANIA

PHILADELPHIA (cont.)

- 606A. Latrobe Steel Co.
3625 N. Eighth St. (40)
607. Lewis Pump Co.
17th St. and Belfield Ave. (41)
GL 5-3333
608. Lima Electric Motor Co., Inc., The
1419 Land Title Bldg. (10)
RI 6-9587
609. Lindsay-Overholzer Corp.
5090 Mascher St. (20)
GL 7-3500
610. Liquid Carbonic Corp.
Front and Porter Sts. (48)
611. Lord Manufacturing Co.
1420 Walnut St. (2)
PE 5-3553
612. Lunney, Frank J.
3701 N. Broad St.
- 612A. Lyon Metal Products, Inc.
121 N. Broad St., Room #304 (7)
613. MacCallum-Gibb-Cilsby, Inc.
28 S. Delaware Ave. (6)
WA 2-2185
614. Machinery & Machine Supplies Co., Inc.
1384 Farrington (31)
TR 7-5224
615. Maddock & Co.
42 N. Sixth St. (6)
LO 3-6700
616. Mahon, J. J.
100 W. Gorgas La.
GE 8-8288
617. Maleson Co., The
225 N. 32nd St.
EV 2-6400
618. Mallory & Co., Inc., P. R.
4343 River Dr., East (29)
VI 4-8891
619. Manning, Maxwell & Moore, Inc.
5628 Limekiln Pike (38)
620. Marking Specialties Co.
4340 Main St. (27)
IV 3-6554
621. Marlin-Rockwell Corp.
3118 W. Allegheny Ave. (32)
BA 6-6700
622. Maser, Alfred W.
7346 Palmetto St. (11)
Turner 7-0376
623. Master Pneumatic Tool Co., Inc.
5661 Ogontz Ave. (41)
LI 9-8200
624. Matthews & Co., Jas. H.
401 N. Broad St. (8)
WA 2-3929
625. McCormick, E. C.
6114-18 Torresdale Ave. (24)
626. McCracken and Sons, R. S.
636 N. Thirteenth St. (23)
ST 7-5151
627. McCullough & Son, J. H.
1248 N. Broad St. (21)
628. McCullough, W. T.
2121 Fuller St. (15)
PI 5-8936
629. McDowell, John
5661 Ogontz Ave. (41)
LI 9-8200
630. McMullin, J. F.
646 E. Cheltenham Ave. (20)
PI 5-0523
631. McQuaide, James R.
2042 Amber St. (25)
GA 6-9205
632. Metal-Aides, Inc.
2314 N. Ninth St. (33)
ST 2-4232
633. Metal Carbides Corp.
Juniper and Chestnut Sts. (7)
RI 6-9980
634. Metallizing Co. of America, Inc.
16 S. Broad St. (2)
WA 2-3573
635. Meteor Supply Co.
1519 W. Dauphin St. (32)
BA 9-2061
636. Miller Electric Manufacturing Co., Inc.
201 Claremont Rd.
LI 9-4168
637. Milne & Co., Inc., A.
2325 N. American St. (33)
GA 5-4490
638. Milton Equipment Co.
402 Race St. (6)
WA 2-1734
639. Minnesota Mining & Manufacturing Co.
5698 Rising Sun Ave. (20)
PI 2-0200
640. Mitchell Co., F. A.
20th and Callowhill Sts.
LO 7-0919
641. Modern Handling Equipment Co.
4200 Sansom St. (4)
EV 6-7414-6-7415
642. Moffatt Bearings Co.
1640 Fairmount Ave. (30)
PO 5-1890
643. Moore Fluid Power Co.
7801 Dungan Rd. (11)
PI 2-3300
644. Morgan Tool & Equipment Co.
18 W. Cheltenham Ave. (44)
TE 9-2286
645. Morris, George V.
2109 Nedro Ave.
CE 8-0377
646. Morris, Wheeler & Co., Inc.
Fox St. and Roberts Ave. (29)
647. Morrison, Jr., Phillips L.
216 S. Second St.
WA 5-3511
648. Mueller Brass Co.
810 S. 53rd St. (43)
GR 4-7505
649. Munning & Munning, Inc.
Bourse Bldg.
MA 7-0535
650. Nast Machinery Co., D.
2506-10 N. Broad St. (32)
BA 5-3370
651. National Screw & Manufacturing Co.
12 S. 12th St. (7)
WA 2-3686
652. New Departure Div.
3701 N. Broad St. (40)
BA 3-5650
653. Norma-Hoffman Bearings Corp.
1201 W. Erie Ave. (40)
BA 6-0119
654. Norton Co.
4732 Stenton Ave. (44)
DA 9-4452
655. Nowland Co., A. C.
269 N. Front St.
656. Nuttall Machinery Co., John
7351 Roosevelt Blvd. (15)
DE 2-3679
657. Oakite Products, Inc.
42 S. 15th St. (2)
LO 7-7660
658. O'Brien Machinery Co.
1915 W. Clearfield St. (32)
BA 8-1484
659. Odell, Gordon
544 Acorn St. (28)
IV 2-6449
660. Oxford Sales Co.
817 N. Second St.
661. Pannier Corp.
Commercial Trust Bldg. (2)
LO 4-3063
662. Park Chemical Co.
3031 N. Melvale St. (34)
GA 6-6030
663. Parkway Supply Co.
1217 E. Cheltenham Ave. (38)
RI 6-5417
664. P. A. Patterson Co.
3133 N. Broad St. (32)
BA 9-1250-1
665. Peninsular Grinding Wheel
501 Cheltenham Ave.
P. O. Box 5784 (20)
PI 5-3373
666. Penn-Del Instrument Sales Co.
709 Bethlehem Pike (18)
667. Penn Electric Motor Co.
3080 Emerald St.
668. Penn Machinery Co.
117 N. Third St. (6)
MA 7-0677
669. Pennsylvania Welding Supply Co., The
31st and Hunting Park Ave. (32)
670. Pennsylvania Wholesale Distributors
104 N. Sixth St. (6)
WA 2-0316
671. Petroleum Equipment Co.
3117 N. Broad St. (32)
SA 2-6421
672. Philadelphia Ball & Rollers
1242 W. Girard
673. Philadelphia Bronze and Brass Corp.
22nd and Master Sts. (21)
PO 5-2100
674. Philadelphia Carbide Co.
P. O. Box 2725 (20)
WA 4-7774
675. Philadelphia Machinery & Equipment Co.
1107 Brighton St. (11)
676. Pneumatic & Electric Equipment Co., Inc.
1412 Belfield Ave. (40)
GL 5-7500
677. Porter-Cable Machine Co.
4210 Macalester Ave.
GL 5-7907
678. Potts Co., Horace T.
Erie Ave. and "D" St. (34)
GA 6-4600
679. Power Press Specialists
465 N. Fifth St. (23)
MA 7-1313
680. Pratt & Whitney Co., Inc.
401 N. Broad St. (8)
WA 2-1140
681. Precision Tool & Engineering Corp.
3925 N. Broad St. (40)
682. Press & Shear Machinery Corp.
2600 E. Tioga St. (34)
GA 5-5840
683. Producto Machine Co.
214 Rock Hill Rd.
TR 8-2333
684. Production Tool & Equipment Co.
3454 N. Second St. (40)
RE 9-4197
685. Pruyn Bearings
685 N. Broad St.
686. Quaker City Stencil & Stamp Co.
234 Arch St. (6)
687. Randall Co., Ken
121 N. Broad St.
LO 4-2151
688. Randolph-Potts Co.
6745 Torresdale Ave.
689. Rapp Machinery, W. B.
132 N. Third St. (32)
MA 7-0490
690. Rebmann Co., The
Corner 39th and Market Sts. (4)
691. Reeves Pulley Co.
225 Bala Ave.
TR 8-5020
692. Reichhold Chemicals, Inc.
128 Walnut Park Plaza (39)
GR 4-7893
693. Renewal Service, Inc.
N. W. Corner 17th and Lehigh Ave.
(32)
BA 9-6330
694. Republic Steel Corp.
920 Suburban Station Bldg. (3)
RI 6-8900
695. Reynolds Co., The
2213 Glenwood Ave. (32)
696. Rhoads and Son, W.
5207 N. Fifth St.

PENNSYLVANIA

697. Ritachel, L. W.
5863 N. Seventh St.
LI 9-3161
698. Rollway Bearing Co., Inc.
3701 N. Broad St. (40)
BA 5-4872
699. Rothman Equipment Co.
144 N. Third St. (6)
MA 7-1862
700. Rowley & Co., Inc., Geo. A.
937 N. Front St. (23)
MA 7-3677
701. Roy Co., Milton
1300 E. Mermaid La. (32)
CH 7-9000
702. Ryerson & Son, Inc., Joseph T.
Box 7349 (1)
SA 4-0700
703. Samuel Machinery Co.
137 N. Third St.
MA 7-6150
704. Sanford & Co.
1448 Suburban Station Bldg. (3)
LO 4-2731
705. Schwartz, William
237 E. Ellet St. (19)
CH 7-4102
706. Sciaky Bros., Inc.
1123 Western Savings Fund Bldg. (7)
KI 5-6570
707. Sees & Faber Co., Inc.
2008 N. Front St. (22)
708. Selas Corp. of America
Dresher
MI 6-6600
709. Seyferth Sons, Inc., L. F.
523 Arch St.
710. Sharkey, Lawrence
4722 Loring St. (36)
DE 3-3676
711. Sheffer-Gross Co.
121 N. Broad St.
LO 4-5750
712. Shipley Machinery Co., W. E.
1421 Chestnut St. (2)
RI 6-4544
713. Sinclair Refining Co.
4415 Chestnut St.
714. Skil Corp.
2135 Chew Ave. (38)
VI 8-0686
715. Smith & Associates, E. R.
3312 Germantown Ave. (40)
BA 9-1844
716. Smith-Sattler Machinery Co.
5219-21 Jefferson St. (31)
GR 7-2100
717. Snap-on Tools Corp.
1710 Fairmount Ave. (30)
PO 5-7400
718. Socony Mobil Oil Co., Inc.
15th and Chestnut Sts. (2)
719. Southern Oxygen Co.
242 E. Hunting Park Ave. (24)
720. Standard Shannon Supply Co.
11-13 S. Letitia St. (6)
LO 3-6880
721. Sterling Electric Motors, Inc.
5823 Greene St. (44)
VI 4-7085
722. Sterling Grinding Wheel Co.
6717 Rising Sun Ave. (11)
PI 7-7500
723. Stokes Equipment Co.
11 W. Mt. Airy Ave. (19)
CH 8-1900
724. Stokes Corp., F. J.
5500 Tabor Rd. (20)
CU 9-0100
725. Stratton Co., C. H.
514 E. Wadsworth St. (19)
CH 7-7869
726. Stuart Oil Co., Ltd., D. A.
Wingate and Hagerman Sts. (35)
DE 8-6160
727. Suehle & Son, F. T.
1015 Chestnut St. (7)
WA 2-1313
728. Sun Oil Co.
106 S. 16th St. (3)
KI 6-1600

729. Sutcliffe, M. B.
8 N. Front St.
WA 2-2784
730. Swind Machinery Co.
The Presidential (Madison) (31)
GR 7-7355
731. Syntron Philadelphia Sales Co.
3900 Germantown Ave. (40)
BA 3-7788
732. Thomas Co., Arthur H.
Vine St. at Third (3)
733. Thomas, Charles W.
P. O. Box 7147
WA 2-3131
734. Thor Power Tool Co.
4441 Whitaker Ave. (20)
GL 7-3232
735. Timken Roller Bearing Co., The
3121 W. Hunting Park Ave. (32)
BA 3-6006
736. Tocaro Machinery Co., Inc.
110 N. Sixth St. (6)
WA 5-4918
737. Tokarcyk, Dolph
280 S. 52nd St.
738. Tools, Inc.
81 Bethlehem Pike
739. Torrington Co., The
214 S. 12th St. (7)
PE 5-8904
740. Towle Industrial Corp.
402 Bethlehem Pike (18)
CH 8-3233
741. Townsend Co.
952 Suburban Station Bldg. (3)
RI 6-8137
742. Transmission Engineering Co., Inc.
3942 N. Broad St. (40)
BA 8-1490
743. Twelves, Elmer
5035 Wissahickon Ave. (44)
VI 4-4361
744. Udyllite Corp., The
2818 E. Belgrade St.
GA 6-5193
745. Ulmer, Inc., Theo C.
Richmond and E. Columbia Ave. (25)
NE 4-8850
746. U. S. Electrical Motors, Inc.
1421 Chestnut St. (2)
LO 4-4477
747. Vandyck Churchill Co.
1321 Arch St. (7)
LO 7-4090
748. Vascoloy-Ramet Corp.
1450 Greenwood St. (50)
WA 4-3551
749. Veeder-Root, Inc.
401 N. Broad St. (8)
WA 3-3416
750. Wales Strippit, Inc.
38 Maplewood Ave. (44)
GE 8-7673
751. Wave File and Tool Co.
Box 2956 Oak La. (26)
752. Weatherhead Co., The
7305 Bingham St. (11)
PI 2-7918
753. Weitzel, J. W.
930 Bridge St. (24)
CU 9-7890
754. Weirton Steel Co.
1617 Pennsylvania Blvd. (3)
RI 6-5296
755. Weltronic Co.
6578 Walnut Park Dr. (20)
HA 4-3542
756. Westinghouse Electric Supply Co.
141 N. 11th St.
757. Wheelabrator Corp.
629 Bethlehem Pike (18)
CH 7-8696
758. Whitehead Metals, Inc.
1955 Hunting Park Ave. (40)
BA 9-2323
759. Wood Co., J. H.
16th and Pennsylvania Blvd. (3)
760. Worthington Corp.
2905 N. Broad St. (32)

761. Wright & Gade Tool Co.
3701 N. Broad St. (40)
BA 3-9430
762. Wright Holst Div.
Second and Diamond Sts. (25)
763. Wright, John S.
Bourse Bldg. (6)
WA 5-4691
764. Yale & Towne Manufacturing Co.,
The
4221 N. Broad St. (40)
GL 5-6000
765. Yerger Co., Charles R.
7800 Bayard Rd. (50)
WA 4-7275
766. Zagar, Inc.
7114 Rising Sun Ave. (11)
PI 2-7992

PITTSBURGH

767. Acheson Colloids Co.
530 Sixth Ave., Room 104 (19)
AT 1-9651
768. Acme Steel Co.
1320 Pennsylvania Ave., (23)
GR 1-0226
769. Adamson & Co., Inc., Wm. J.
1021 Henry W. Oliver Bldg. (22)
770. Airborne Instruments Lab.
2240 Nobletown Rd. (5)
WA 2-2707
771. Air Reduction Sales Co.
1116 Ridge Ave. (33)
FA 1-7150
772. Alserco Manufacturing Co.
435 Melwood Ave. (13)
773. Albaugh, H. D.
144 Sycamore Dr.
White Oak Hgts. (37)
HU 6-2338
774. Alemite Co.
201-9 Shady Ave. (6)
775. Allen-Bradley Co.
2721 W. Liberty Ave. (16)
PI 1-2822
776. Allis-Chalmers Manufacturing Co.
1701 McFarland Rd. (16)
LO 3-4434
777. Allis Co., The Louis
4135 Brownsville Rd. (27)
TU 4-6363
778. Allmon Steel Co.
528 Washington Rd. (28)
LO 1-8234
779. Alloy Rods Co.
2437 Waverly St.
Swissvale (18)
EL 1-1707
780. Aluminum Co. of America
1501 Alcoa Bldg. (19)
AT 1-4545
781. American Brass Co.
603 Grant Bldg. (19)
782. American Optical Co.
526 Pennsylvania Ave.
AT 1-9513
783. American Steel & Wire Div.
525 William Penn Pl. (30)
EX 1-2346
784. Aminco Sales Corp. of Pittsburgh
P. O. Box 267, Allison Park
ST 1-1404
785. Ampco Metal, Inc.
211 Neilson Ave. (35)
PE 1-2232
786. Amstan Supply Div.
P. O. Box 1226 (30)
GR 1-8200
787. Arch Machinery Co.
4920 Pennsylvania Ave.
EM 2-6100
788. Arehart, Roy J.
5845 Centre Ave.
EM 1-2500
789. Argo Asbestos & Rubber Co.
202 E. Ohio St.
FA 1-8240

SALES OFFICES

PENNSYLVANIA

PITTSBURGH (cont.)

- 789A. Armco Steel Corp.
2 Gateway Center (22)
790. Atwater, V. L.
301 De Arment Pkwy. (28)
TE 5-8253
791. Baines, Robert S.
110 Conewanta Rd. (34)
CO 3-4441
792. Baker, Donald J.
300 Mt. Lebanon Blvd. (34)
LO 1-3091
793. Baker-Warren Co.
80 26th St. (26)
AT 1-0344
794. Baldwin-Lima-Hamilton
1098 Union Trust Bldg. (19)
AT 1-4896
795. Banbury Equipment Corp.
295 Saw Mill Run Blvd. (26)
HU 1-5309
796. Banks Engineering Co.
5407 Pennsylvania Ave.
MO 1-6746
797. Barnes, Alan W.
606 Investment Bldg. (22)
GR 1-8383
798. Barney Machinery Co.
1002 Greentree Rd. (20)
WA 2-1207
799. Bay State Abrasive Products Co.
1691 Washington Rd. (28)
LO 3-1144
800. Bearing Service Co.
4650 Baum Blvd. (13)
MA 1-4600
801. Bearings, Inc.
5636 Baum Blvd. (32)
MU 1-4900
802. Belghley Hardware & Tool Co.
S. Sixth and Bingham Sts. (3)
803. Bel-Ray Co., Inc.
295 Beverly Rd. (16)
FT 1-5055
804. Benner, Robert
448 Hoodridge Dr., Apt. C-1 (34)
FI 1-7787
805. Bennett, C. J.
P. O. Box 2014 (30)
FI 1-0315
806. Berg Machinery Co., Stanley
1231 Banksville Rd. (16)
LO 3-2933
807. Beryllium Corp., The
4135 Brownsville Rd.
808. Bethlehem Steel Co.
Mellon Sq. (22)
809. Betza, John E.
1119 Empire Bldg. (22)
CO 1-2092
810. Birdsboro Steel Foundry & Machine Co.
AT 1-9245
811. Black & Decker Manufacturing Co., The
5437 Baum Blvd. (32)
812. Bliss Co., E. W.
901 Bingham St.
HE 1-3000
813. Boder Scientific Co.
810-814 Pennsylvania Ave. (22)
814. Bollinger, W. H.
P. O. Box 8088 (16)
LO 1-2340
815. Boon, E. E.
P. O. Box 1652 (30)
PE 1-8617
816. Bridgeport Brass Co.
618 Swissvale Ave. (21)
817. Briggs Filtration Co.
544-546 Oliver Bldg. (22)
AT 1-1695
818. Bristol Brass Corp., The
1699 Washington Rd. (28)
LO 3-2122
819. Bristol Co., The
2250 Noblestown Rd. (5)
WA 2-2100
820. Brown, E. T.
178 Woodland Dr.
Pleasant Hills (36)
TU 4-2532
821. Brown & Zortman Machinery Co.
P. O. Box 8577
4 W. Manilla Ave. (20)
WA 2-3021
822. Bullard Co., The
Empire Bldg., Room 814 (22)
AT 1-6346
823. Burrell Corp.
2223 Fifth Ave. (19)
824. Butts, John D.
826 Grant Bldg. (19)
AT 1-7680
825. Cadman Manufacturing Co., A. W.
2816 Smallman St.
AT 1-6683
826. Callhan Co.
P. O. Box 5167 (6)
MU 2-3919
827. Carborundum Co., The
2600 Neville Rd. (25)
SP 1-3740
828. Carlin Co., D. N.
132 S. Whitfield St. (6)
MO 1-0200
829. Carlson, R. E.
4855 Doverdel Dr. (36)
TU 1-1637
830. Carmac Chemical Co.
1015 Peralta Ave.
831. Carpenter Steel Co., The
Greater Pittsburgh Airport Bldg.,
Room M165
SP 1-2403
832. Carrier Corp.
1606 First National Bank Bldg. (22)
GR 1-2869
833. Cejay Equipment Co.
P. O. Box 8538 (20)
834. Century Electric Co.
3105 Banksville Rd. (16)
LO 1-3129
835. Chain Belt Co.
3400 Forbes St. (13)
MU 1-6605
836. Charken Co., Inc.
439-441 McNeilly Rd. (26)
LO 3-5294
837. Chase Brass & Copper Co.
1001 Brighton Rd. (33)
CK 1-7900
838. Chicago Pneumatic Tool Co.
369 Coltart Ave. (13)
MU 1-9822
839. Chicago Rawhide Manufacturing Co.
729 Washington Rd.
FI 1-1227
840. Christman Co., William T.
329 Fort Pitt Blvd. (22)
GR 1-8828
841. Cincinnati Milling and Grinding Machines, Inc.
666 Washington Rd. (26)
LO 1-8116
842. Clark Controller Co., The
2882 W. Liberty Ave.
P. O. Box 8090 (16)
LO 1-3542
843. Clark Co., Russell F.
1409 Clark Bldg. (22)
AT 1-8089
844. Cleco Div.
423 McNeilly Rd. (36)
LO 3-2330
- 844A. Cleveland Crane & Engineering Co., The
(Address mail to Wickliffe, Ohio)
845. Cleveland Tramrail Pittsburgh Co.
1112 House Bldg. (22)
GR 1-2022
846. Colgate, R. A.
P. O. Box 11665 (28)
LE 1-2962
847. Colonial Supply Co.
217 Fort Pitt Blvd.
CO 1-4488
848. Colson Corp., The
307 Empire Bldg. (22)
AT 1-2257
849. Commercial Products Co.
4002 Clairton Blvd. (36)
850. Consolidated Electrodynamics Corp.
708 Franklin Ave.
851. Continental Sales & Engineering Co.
211 Neilson Ave.
P. O. Box 10505 (35)
CH 1-5660
852. Control Equipment Distributors
P. O. Box 10921 (36)
853. Cooper, F. R.
1573 Clarkton St. (4)
854. Crane Packing Co.
4135 Brownville Rd. (27)
TU 4-0131
855. Crouch Welding Supplies, R. G.
545 McNeilly Rd. (26)
856. Crucible Steel Co.
P. O. Box 2309 (30)
AT 1-3800
857. Cunningham Co., The
239 Fourth Ave. (22)
CO 1-7092
858. Cunningham, Don R.
93 Mount Lebanon Blvd. (28)
859. Cunningham, M. E.
1025 Chateau St. (33)
AL 1-3380
860. Cuno Engineering Corp., The
1610 Potomac Ave. (16)
LO 1-4400
861. Damrau, Edward A.
7726 Edgewood Ave. (18)
EL 1-1977-78
862. Davis Saw & Knife Co.
425 First Ave. (19)
GR 1-8577
863. Delco Products Div.
423 Whitney Ave. (21)
CH 1-4600
864. Dempier Co., George P.
1610 Potomac Ave.
LO 1-4400
865. deSanno & Son, Inc., A. P.
101 Investment Bldg. (22)
AT 1-8104
866. Detrex Chemical Industries, Inc.
36th and R. R. Sts.
MU 3-2774
867. DeVilbiss Co., The
505 Plaza Bldg. (19)
AT 1-5358
868. DeVilling, Frank A.
3317 Ponoka Rd.
Brookside Farms (34)
TE 5-4227
869. Dietzgen Co., Eugene
339 Blvd. of the Allies (22)
AT 1-2200
870. Dingle-Clark Co., The
311 Ross St. (19)
CO 1-5360
871. DoAll Pittsburgh Co.
600 Rebecca Ave. (21)
FR 1-5200
872. Dodge Manufacturing Corp.
2 Gateway Center (22)
CO 1-2747
873. Donnelly Co., Frank T.
P. O. Box 11527
1372 Freeport Rd. (38)
ST 1-7110
874. Donovan, Bill
731 Gaywood Dr. (35)
FE 1-3600
875. Dorsey Gage Co., Inc.
876. Dow Chemical Co., The
1 Gateway Center (22)
AT 1-3030
877. Dumlér Co., Inc., Ernest W.
6324 Pennsylvania Ave. (6)
HI 1-4578
878. Dunsford, Inc.
1713 Investment Bldg. (22)

PENNSYLVANIA

879. Eclipse Air Brush Co.
530 Sixth Ave. (19)
GR 1-3838
880. Edwards & Son, Inc.
300 Mt. Lebanon Blvd. (34)
LO 3-0203
881. Ekedahl Tool & Supply
Library Rd. and Milford Dr.
P. O. Box 10447 (34)
LE 12850
882. Electro-Alloys Div.
717 Grant Bldg. (19)
GR 1-3023
883. Elliott Co., B. K.
536 Pennsylvania Ave. (22)
884. Engineered Industrial Equipment Co.
4412 Liberty (24)
MU 1-9222
885. Equipment Engineering Corp.
1441 Sheffield St. (33)
FA 2-1224
886. Ervin Machinery Co.
124 Blvd. of the Allies (22)
CO 1-5343
887. Eschbacher, Don
1511 Van Dr. (37)
888. Esposito and Co., Ralph
5940 Broad St. (6)
HI 1-8548
889. Esso Standard Oil Co.
35th St. and A. V. R. R.
890. Ex-Cel-O Corp.
1029 Wood St. (21)
CH 1-4060
891. Factory Supplies, Inc.
303 North Ave. (9)
892. Fafnir Bearing Co., The
210 S. Highland Ave. (6)
EM 2-1818
893. Fairbanks Co., The
15 Stanwix St. (22)
CO 1-1887
894. Fairbanks, Morse & Co.
4301 Main St. (24)
MU 2-3123
895. Farrell, Edward J.
230 Beverly Rd.
Mount Lebanon (16)
896. Fessler & Co.
405 Commonwealth Bldg. (22)
CO 1-0651
897. Figner Co., John E.
1007 LaClair Ave., Regent Sq. (18)
MA 7-1860-61-62
898. Fischer, Chester
604 Standard Life Bldg.
345 Fourth Ave. (22)
899. Fischer & Larash
604 Standard Life Bldg. (22)
AT 1-0391
900. Fischer Scientific Co.
717 Forbes St. (19)
901. Follansbee Industrial Sales Co.
P. O. Box 7185 (13)
MA 1-6663
902. Foster Co., D. D.
2210 Koppers Bldg. (19)
AT 1-0864
903. Frauenheim, Pierce
389 Broadmoor Ave. (34)
LO 1-4231
904. Free, Charles C.
2926 Parkdale (27)
AT 1-8741
905. Frick & Lindsay Co.
117 Sandusky St. (12)
FA 1-5700
906. G. & G. Agency
Box 9526 (23)
HU 6-3121
907. Galbreath Machinery Co.
221 Corliss St. (20)
908. Gardner-Denver Co.
520 McNeilly Rd. (26)
LO 1-6011
909. Gardner Machine Co.
295 Beverly Rd. (16)
LE 1-9779
910. Garlock Packing Co., The
933 Pennsylvania Ave. (22)
CO 1-2222
911. Garretson & Son, Henry
1003 House Bldg.
912. Gateway Industrial Supply Corp.
6393 Pennsylvania av.
913. General Electric Co.
Oliver Bldg.
Mellon Sq. (22)
AT 1-6400
914. Giancola, Victor C.
115 Greenlee Rd. (27)
TU 4-4441
915. Gibson and Stanier Engineered
Products
P. O. Box 9742 (29)
WE 1-5522
916. Gilling Engineering Co.
1207 Chateau St. (33)
AL 1-1420
917. Gisholt Machine Co.
4140 Brownsville Rd. (27)
TU 2-6500
918. Glassner Equipment Co.
1942 Fifth Ave. (19)
CO 1-5697
919. Gordon Co., Claud S.
789 Pennsylvania Ave.
920. Greenleaf Co., Walter J.
512 Franklin Ave. (21)
CH 1-6967
921. Hammerschmidt, Lee
12 Barton Dr. (21)
CH 1-8295
922. Hannifin Co.
300 Mt. Lebanon Blvd. (34)
LE 1-7723
923. Hanson-Van Winkle-Munning Co.
345 Mt. Lebanon Blvd. (34)
LE 1-9500
924. Harnischfeger Corp.
422-5 Farmers Bank Bldg. (22)
AT 1-1856
925. Harris Pump & Supply Co.
Brady and Sidney Sts. (3)
HU 1-4400
926. Hartley-Rose Co.
144 46th St. (1)
MU 1-3120
927. Helicoid Gage Div.
2250 Noblestown Rd. (22)
928. Henk & Son, E. J.
2 Craigo Ave.
PL 1-6737
929. Henry, Robert C.
9635 Albermarle Dr. (37)
FO 4-7886
930. Heppenstall Co.
4620 Hatfield St. (1)
MA 1-2060
931. Herchenroether & Co., Geo.
P. O. Box 10445
3829 Willow Ave. (34)
FI 1-9306
932. Herman, H.
1029 Wood St. (21)
PE 1-6500
933. Hermann Co., Paul F.
6041 Stanton Ave. (6)
EM 1-6588
934. Higbee, T. S.
1007 McCartney St. (20)
WA 1-5171
935. Hiller Co., Ralph A.
4133 Brownsville Rd. (27)
TU 2-7353
936. Holliday Co., R. L.
Box 10333 (34)
LO 1-7620
937. Holsberg, W. A.
P. O. Box 5767
CH 1-0480
938. Holveck, J. Thos.
P. O. Box 8564, Wabash Sta.
939. Houghton & Co., E. F.
401 Bessemer Bldg. (22)
AT 1-8759-60
940. Hyatt Bearings Div.
702 Grant Bldg. (19)
AT 1-2927
941. Hydraulic Press Manufacturing Co.,
The
512-513 Empire Bldg. (22)
GR 1-6909
942. I-T-E Circuit Breaker
420 Fort Duquesne Blvd. (22)
GR 1-2970
943. Ideal Industries, Inc.
Bessemer Bldg. (22)
AT 1-8338
944. Industrial Rubber Products
505 Magee St.
AT 1-0455
945. Industrial Specialties Co.
300 Mt. Lebanon Blvd. (34)
FI 1-4090
946. Ingersoll-Rand Co.
932 Pennsylvania Ave. (22)
AT 1-9070-1-2-3
947. Ipsen Industries, Inc.
515 S. Main (20)
948. Irvin Robert L.
713 Investment Bldg. (22)
GR 1-8300
949. Jacobs & Associates, Inc., M. S.
P. O. Box 4446 (5)
WA 1-6140
950. Jessop Steel Co.
250 Mt. Lebanon Blvd.
FI 1-3187
951. Johnson Bronze Co.
901 Pennsylvania Ave. (33)
CE 1-8600
952. Joy Manufacturing Co.
3021 Banksville Rd. (16)
LO 3-4000
953. Jupena, Donald G.
199 Jackson Cir. (20)
FO 4-7788
954. Kable, Warren T.
7814 Waverly St. (21)
CH 2-2236
955. Karthaus & Co., Carl A.
1502 Union Bank Bldg. (22)
AT 1-9111
956. Keaney & Sons, J. C.
101 Pennsylvania Blvd.
LO 1234
957. Kearney & Trecker Corp.
4 W. Manilla Ave. (20)
WA 2-1565
958. Kerr Co., Inc., W. G.
601 McKay Bldg.
AT 1-4254
959. Kennametal, Inc.
600 Grant St., Rm. 802 (19)
AT 1-4543-4
960. Keystone Reamer & Tool Co.
1206 Powers Run Rd. (38)
961. Kindlin, Edward
1029 Wood St. (21)
PE 1-6500
962. King, Russell L.
505 Haverhill Rd. (34)
LO 3-0172
963. Kleinbans Co., H.
560 Alcoa Bldg. (19)
AT 1-4641
964. Kline, Robert K.
P. O. Box 5828 (9)
FO 4-5167
965. Kluck, R. J.
231 Jonquil Pl. (34)
LO 1-9226
966. Kovach, R. R.
37 Alton Dr. (34)
CO 3-8296
967. Kramer & Sons, Ray
654 Washington Rd. (28)
968. Kraus Co., L. E.
P. O. Box 10882
4512 Clairton Blvd., Route 51 (36)
TU 4-5040

SALES OFFICES

PENNSYLVANIA

PITTSBURGH (cont.)

969. Kruman Equipment Co.
3002 Pennsylvania Ave.
CO 1-4847
970. Landis Tool Co.
4140 Brownsville Rd. (27)
971. Lappe Supply Co.
45 S. 24th St.
HU 1-0600
- 971A. Latrobe Steel Co.
Three Gateway Center (23)
972. Leeds & Northrup Co.
300 Mt. Lebanon Blvd. (34)
LO 1-7908
973. Lincoln Electric Co., The
22 Wabash St. (26)
WA 1-4551-4552
974. Lindberg Engineering Co.
345 Mount Lebanon (34)
LO 1-5666
975. Linde Co.
644 The Oliver Bldg.
Mellon Sq. (22)
EX 1-3800
976. Lindsay Co., H. J.
618 W. Warrington Ave. (26)
977. Loftus Engineering Corp.
1 Gateway Center (22)
GR 1-1390
978. Lohmeyer Steel Co.
345 Mount Lebanon Blvd.
LO 3-0122
979. Long, C. V.
4353 Brightview Ave. (27)
980. Lukens Steel Co.
429 Fourth Ave. (19)
GR 1-1427
981. Lunardini, M. J.
3257 Eastmont Ave. (16)
LE 1-9931
- 981A. Lyon Metal Products, Inc.
200 E. Ohio St., N. S.
Rm. #800-807 Republic Bldg. (12)
982. Machinery & Machine Supplies Co., Inc.
2109½ Broadway (16)
FI 1-1111
983. Machinery Sales Co.
1923 Forbes St.
AT 1-4031
984. McGill Co., F. R.
44 McKnight St. (20)
WA 1-8500
985. Magnaflex Corp.
5161 Brownsville Rd. (36)
TU 2-3448
986. Magnus Co.
P. O. Box 7943 (16)
LO 1-6412
987. Mahaffey Equipment Co.
1200 Freeport Rd. (36)
ST 1-1400
988. Mahr Manufacturing Co.
210 Renshaw Bldg.
AT 1-3721
989. Mallory & Co., Inc., P. R.
345 Mt. Lebanon Blvd.
LO 3-3142
990. Manning, Maxwell & Moore, Inc.
1412 Park Bldg. (22)
991. Marathon Electric Manufacturing Corp.
516 Federal St. (12)
FA 1-4486
992. Masterwork Paint Co.
6247 Broad St.
993. Material Handling, Inc.
Parkway, West
994. McBeth Machinery Co.
300 Mt. Lebanon Blvd. (34)
LO 3-2500
995. McCartney, Robert C.
1029 Wood St. (21)
CH 1-4080
996. McGrady & Weinkauf, Inc.
P. O. Box 11566 (38)
EM 2-0682
997. McJunkin, H. K.
7725 Stanton Ave. (18)
HR 1-0575
998. McKay Co., The
1005 Liberty Ave. (22)
AT 1-5380
999. McKee-Oliver, Inc.
1326 W. Carson St. (19)
CO 1-4920
1000. McKnight Hardware Co., Samuel
225 Federal St. (12)
FA 1-0195
1001. McQuillen, A. L.
235 Cochran Rd. (28)
1002. Meinhardt Co., Howard
Third and Prager Sts. (15)
MU 1-2788
1003. Merit Machinery, Inc.
2311 Babcock Blvd. (37)
WE 1-6800
1004. Metal Carbides Corp.
237 Fourth St. (22)
AT 1-2445
1005. Metal & Thermit Corp.
1514 W. North Ave. (22)
FA 1-4800
1006. Metallizing Co. of America, Inc.
Investment Bldg.
239 Fourth Ave. (22)
GR 1-1181
1007. Mille, John
P. O. Box 7915 (16)
1008. Miller Electric Manufacturing Co., Inc.
520 Lucia Rd. (21)
EL 1-3663
1009. Miller Co., Geo. D.
530 Sixth Ave. (19)
CO 1-4608
1010. Milligan, J. B.
7800 Edgewood Ave. (18)
1011. Milne & Co., Inc., A.
1000 Constance St. (12)
AL 1-6125
1012. Minnesota Mining & Manufacturing Co.
911 Plaza Bldg. (19)
AT 1-2075-7
1013. Mollison, H. W.
1206 Pinewood Dr. (16)
FI 1-1173
1014. Monarch Machine Tool Co., The
962 Greentree Rd. (20)
WA 1-2969-1-2970
1015. Moore & Co., Edgar M.
6964 Thomas Blvd. (8)
EM 1-8780
1016. Moore Products Co.
300 Mt. Lebanon Blvd. (34)
FI 1-9000
1017. Morgan Co., E. F.
1526 Farmers Bank Bldg. (22)
AT 1-1564
1018. Morse Chain Co.
119 Federal St. (12)
AL 1-3793
1019. Morris, S. G.
821 Wood St. (21)
PE 1-8655
1020. Motch & Merryweather Machinery Co.
717 Liberty Ave.
AT 1-3985
1021. Mueller Brass Co.
516 Federal St. (12)
AL 1-8634
1022. Murray Co., James S.
P. O. Box 10417
300 Mt. Lebanon Blvd. (34)
FI 1-4702
1023. Murray, John W.
918 Summer Pl. (16)
FI 1-9741
1024. Murray, W. O.
125 Venango Pl. (37)
FO 4-6025
1025. National Screw & Manufacturing Co.
6 Brilliant Ave.
Aspinwall (15)
ST 2-0638
1026. National Supply Co.
2 Gateway Center (1)
1027. Nelson Engineering Sales Co.
524 Grant Bldg. (19)
CO 1-4432
1028. Nelson Stud Welding
Fifth and Smithfield (22)
GR 1-7485
1029. Newell Co., P. W.
6101 Pennsylvania Ave. (6)
MO 1-5766
1030. Newman, C. E.
6280 Tanglewood Rd. (37)
1031. Nixon Equipment Co.
P. O. Box 8285
Frick Bldg. (20)
- 1031A. Noonling, Jr., & Associates, M. H.
618 Rebecca Ave. (21)
1032. Nourie, Inc., Leonard R.
2414 W. Liberty (25)
LO 1-1628
1033. Norton Co.
Box 9548 Etna Branch (23)
ST 1-9455
1034. Oakite Products, Inc.
733 Washington Rd. (28)
LO 1-4611
1035. Oehmler & Associates, W. H.
510 Keystone Bldg. (22)
AT 1-2251
1036. Ohio Knife Co., The
1750 N. Highland Rd. (28)
LO 3-3411
1037. Oil Products Co., Inc.
28th and Smallmon Sts. (22)
1038. Oil Well Supply Co.
525 Wm. Penn Pl.
1039. Olsen Co., John O.
104 Elatan Dr. (16)
BR 9-2550
1040. Orr Co., Inc., William M.
N. Braddock Ave. at Thomas (8)
CH 2-3000
1041. Orrweld, Inc.
N. Braddock Ave. at Thomas Blvd. (8)
1042. Osborn Manufacturing Co., The
312-B Investment Bldg. (22)
AT 1-3586
1043. Otis, William E.
5840 Aylesboro Ave. (17)
JA 1-2411
1044. Over and Conrad
Investment Bldg. (22)
CO 1-3720
1045. Overpeck Co., J. H.
1112 House Bldg. (22)
GR 1-2622
1046. Ozalid Branch Office
106 Stratford Ave. (6)
EM 1-8100
1047. Pangborn Corp.
700 Wood St. (21)
CH 1-3919
1048. Parke & Associates, Inc., F. E.
1121-22 Empire Bldg. (22)
CO 1-1160
1049. Parke Co., H. B.
936 Butler St.
ST 1-8004
1050. Pattern & Wood Shop Supply Co.
3109 Forbes St. (13)
MU 1-0818
1051. Patterson Co., Inc., P. A.
1029 Wood St.
PE 1-0203
1052. Peninsular Grinding Wheel
3829 Willow Ave., Rm. 208 (34)
FI 1-5066
1053. Penn General Supply Co.
109-11 Wood St. (22)
GR 1-2770
1054. Pennington, David R.
214 Park Pl., McKnight Village
FO 4-5111

SALES OFFICES

PENNSYLVANIA

1055. Pennsylvania Industrial Supplies Co., Inc.
1234 Ridge Ave. (33)
AL 1-5010
1056. Phillips Co., E. S.
913 Penn Ave. (21)
CH 1-6256
1057. Pittsburgh Brass Manufacturing Co.
3153-3155 Penn Ave. (1)
AT 1-8761
1058. Pittsburgh Chemical Branch
306 Cedar Blvd. (28)
LE 1-8322
1059. Pittsburgh Controls, Inc.
1230 Ridge Ave. (33)
FA 2-5166
1060. Pittsburgh Crushed Steel Co.
P. O. Box 4038, Arsenal Sta.
MU 2-1754
1061. Pittsburgh Gage & Supply Co.
3000 Liberty Ave. (1)
GR 1-6600
1062. Place, John P.
80 Clairton Blvd.
P. O. Box 10926 (36)
OL 5-9661
1063. Plotz, R. G.
4301 Highgrove Rd. (36)
TE 1-8492
1064. Pratt & Whitney Co., Inc.
683 Lincoln Ave. (2)
PO 1-7212
1065. Precision Grinding Wheel Co., Inc.
1320 Penn Ave. (22)
LE 1-4044
1066. Production Components Co.
1754 N. Highland Rd. (28)
LO 3-1888
1067. Provance, Karl
1501 Potomac (16)
LO 1-0142
1068. Ra-Drill Machinery, Inc.
535 McNeilly Rd. (26)
LO 1-3033
1069. Rees Machinery Co., Inc.
Woods Bldg.
Greentree Rd. (20)
LO 3-4551
1070. Reichhold Chemicals, Inc.
Henry W. Oliver Bldg. (22)
GR 1-6645
1071. Reliance Electric and Engineering Co.
250 Mt. Lebanon Blvd. (34)
LO 3-5010
1072. Remington Arms Co., Inc.
2001 First National Bank Bldg. (22)
GR 1-3076
1073. Republic Steel Corp.
1832 Henry W. Oliver Bldg. (22)
GR 1-2425
1074. Revere Copper and Brass, Inc.
666 Washington Rd. (28)
1075. Reynolds Metals Co.
1 Gateway Center (20)
AT 1-3445
1076. Ridinger, John S.
4828 Liberty Ave. (24)
MU 3-2225
1077. Rite-Way Tool Co.
4700 Clairton Blvd. (36)
TU 1-9535
1078. Ritter Engineering Co.
1409 Sedgwick St. (33)
FA 1-8538
1079. Robertson Machinery, F. W.
1029 Wood St.
FR 1-6252
1080. Rollway Bearing Co., Inc.
7308 Church Ave. (2)
Boro. of Ben Avon
PO 1-7863-1-7989
1081. Rotor Tool Co., The
666 Washington Rd. (28)
FI 1-4260
1082. Russell, Burdsall & Ward Bolt and Nut Co.
First National Bank Bldg. (22)
AT 1-5773
1083. Russell, Troy
901 Ross Ave. (21)
CH 5065
1084. Rutledge Equipment Co.
334 Blvd. of the Allies (22)
1085. Ryerson & Son, Inc., Joseph T.
Box 1919 (30)
WA 1-7540-BR 9-0960
1086. Ryman's Sons, Frank
435 Porter Bldg.
601 Grant St. (19)
GR 1-2878
1087. Saville & Co.
739 Rebecca Ave. (21)
FE 1-6401
1088. Scharmann Machine Corp.
337 Blvd. of the Allies (22)
AT 1-6336
1089. Schwebelz Machine Co.
665 Seagirt St. (21)
CH 1-4320
1090. Scott & Steffen, Inc.
507 Liberty St. (22)
GR 1-5233
1091. Sales Corporation of America
345 Mt. Lebanon Blvd. (34)
LO 1-0115
1092. Shields Rubber Corp.
137 Fort Pitt Blvd. (22)
AT 1-8200
1093. Skill Corp.
3221 Liberty Ave. (1)
CO 1-6457
1094. Sloan Brothers Co.
121 S. Highland (6)
EM 2-4848
1095. Smit & Sons, Inc., J. K.
1507 Law & Finance Bldg. (19)
AT 1-8590
1096. Snap-on Tools Corp.
630 Ardmore Blvd. (21)
CH 2-5551
1097. Somers, Fittler and Tood Co.
325 Fort Pitt Blvd. (30)
CO 1-4860
1098. Sperry Products, Inc.
7405 Penn Ave. (8)
FR 1-3335
1099. Stamets, George C.
2211 Babcock Blvd. (37)
WI 1-6800
1100. Stamets Co., Wm. K.
Jenkins Arcade Bldg. (22)
AT 1-8091
1101. Standard-Machinists Supply
S. Second and McKean St.
P. O. Box 1287
HE 1-8790
1102. Steel City Tool & Machinery Co.
3045 W. Liberty Ave. (16)
LO 1-4011
1103. Steel Shot Producers, Inc.
4839 Harrison St. (1)
MU 2-1754
1104. Stemler, Inc., Ralph L.
1234 Ridge Ave. (33)
FA 2-3223
1105. Sterling Electric Motors, Inc.
3045 W. Liberty Ave.
P. O. Box 7943 (16)
LO 9-6412
1106. Stucky, Fred
1226 Michael Dr. (27)
TU 1-8106
1107. Sun Oil Co.
Freeport Rd. and Boyd Ave. (38)
ST 1-1252
1108. Supplies, Inc.
1214 Liverpool St., (12)
AL 6330
1109. Supreme Products Corp.
7725 Stanton Ave.
BR 1-0575
1110. Surface Combustion Corp.
4154 Library Rd.
LO 1-6112
1111. Syntrol Pittsburgh Sales Co.
119 Federal St. (12)
AL 1-6030
1112. Taylor, A. V.
2502 Collins Rd. (35)
FR 1-5485
1113. Teshen, Alfred
601-A Bessemer Bldg. (22)
1114. Thor Power Tool Co.
204 Thomas St., Wilkinsburg
FR 1-6155
1115. Timken Roller Bearing Co., The
416 N. Craig St. (13)
MA 1-7200
1116. Titzel Engineering & Equipment
260 42nd St.
AT 1-0215
1117. Tocco Div.
1300 Freeport Rd. (38)
ST 2-2221
1118. Tool Engineering Products Co., Inc.
P. O. Box 903 (30)
MU 2-0924
1119. Torrington Co., The
666 Washington Rd. (28)
LO 3-1500
1120. Toucey, R. M.
306 Beverly Rd. (16)
LO 3-6223
1121. Transmission Equipment Co.
1200 Muriel St. (3)
HE 1-2100
1122. Tranter Manufacturing Co.
105 Fort Pitt Blvd. (23)
CO 1-0600
1123. Tri-State Machinery Co.
535 McNeilly Rd. (26)
P. O. Box 9660
LO 1-1471
1124. Turner Co., C. A.
P. O. Box 928
FL 1-2116
1125. Union Carbide Plastics Co.
537 Smithfield St. (22)
EX 1-3800
1126. United States Electrical Motors, Inc.
Bessemer Bldg. (22)
AT 1-8844
1127. United States Supply Div.
1281 Reedsdale St., N. S.
FA 2-4200
1128. Universal-Cyclops Steel Corp.
20 Cedar Blvd. (28)
LO 3-5550
1129. Vanadium-Alloys Steel Co.
3003 Grant Bldg. (19)
GR 1-4760-61
1130. Vard, Inc.
1721 Oliver Bldg.
1131. Veeder-Root, Inc.
404 Frick Bldg. (19)
GR 1-3773
1132. Vickers, Inc.
666 Washington Rd. (28)
Mt. Lebanon
LO 1-3504
1133. Voss Machinery Co.
515 S. Main St. (20)
WA 2-1900
1134. Wales Strippl, Inc.
530 Sixth Ave. (19)
CO 1-4953
1135. Wall Colmonoy Corp.
132 S. Whitfield St.
EM 1-7448
1136. Warner & Swasey Co., The
4 W. Manilla Ave. (20)
WA 2-2022
1137. Wash Co., E. R.
604 Investment Bldg. (34)
P. O. Box 10325
TE 5-0811
1138. Webb Co., Jervis B.
1432 Potomac Ave. (16)
LO 3-0800
1139. Weber Welding Supply Co.
5108-14 Liberty Ave.
MA 1-5230
1140. Weinman Pump & Supply Co.
317 S. Main St. (20)
WA 1-7704
1141. Weiss, Robert J.
1619 Blossom Hill Rd. (34)
FI 1-9196
1142. Weld Tool Corp.
3001 W. Carson St. (4)
FE 1-1776

SALES OFFICES

PENNSYLVANIA

PITTSBURGH (cont.)

- 1143. Weldcraft Equipment Co.
5100 Liberty Ave. (24)
- 1144. Wheelabrator Corp.
300 Mt. Lebanon Blvd. (34)
LO 1-9444
- 1145. Whiddett Co., John C.
539 Sixth Ave. (19)
GR 1-0490
- 1146. Whitaker & Son, Karl E.
822 Wood St. (21)
- 1147. White, Robert F.
1906 Dale St. (5)
- 1148. Whiting Corp.
1109 Empire Bldg. (22)
AT 1-4846
- 1148A. Weirton Steel Co. Div. of
National Steel Corp.
- 1149. Wille & Associates, Armin H.
411 Highland Bldg. (6)
EM 1-4697
- 1150. Williams & Co., Inc.
901 Pennsylvania Ave. (33)
CE 1-8606
- 1151. Williams Co., J. A.
401 Amberson Ave.
MU 1-5500
- 1152. Winterling Co., The James T.
Box 6602, N. S. Sta. (12)
- 1153. Wolfston Engineering, Inc.
324 Fourth Ave. (22)
EX 1-3109
- 1154. Wood Co., H. F.
32 39th St. (1)
MU 1-7422
- 1155. Wood Co., G. C.
1366 Illinois Ave.
P. O. Box 8025
LO 1-4777
- 1156. Woodwell, Jr., J. K.
6908 Reynolds St. (8)
- 1157. Worthington Corp.
1219 Plaza Bldg.
535 Fifth Ave. (19)
- 1158. Wright Hoist Div.
2250 Noblestown Rd. (5)
WA 2-2100
- 1159. Yale & Towne Manufacturing Co.,
The
5845 Centre Ave. (6)
EM 1-2500
- 1160. Yanker, J. E.
236 Rockingham Rd. (38)
WO 3-8725
- 1161. Yoder Co., The
2111 First National Bank Bldg. (22)
CO 1-5011
- 1162. Young Co., John F.
235-37 Spahr St. (32)

PITTSBURGH

- 1163. Eagen Hardware Co.
38 S. Main St.
- 1164. Medico Industries, Inc.
11-13 Tompkins St.

POTTSTOWN

- 1165. Fegely & Son Hardware Co., J.
12 S. York St.
PO 15

PRIMOS

- 1166. Crucible Steel Co.
408 S. Lak La.
GR 4-1100

PROSPECT PARK

- 1167. Alretol Manufacturing Co.
650 Maryland Ave.
LE 2-5700
- 1168. Urie & Blanton
850 Chester Pike

QUAKERTOWN

- 1169. Fretz, Gilmore G.
1102 Juniper St.
KE 6-4578

RANKIN

- 1170. Turner Co., C. A.
Fifth and Antisburg St.

READING

- 1171. Allis Co., The Louis
2904 Kutztown Rd.
WA 9-3673
- 1172. Bell & Whitaker, Inc.
3623 Jacksonwald Ave.
Phone: 5-6837
- 1173. Bellows Co., The
198 E. Wyomissing Ave.
SP 7-1661
- 1174. Beyer, Richard H.
2045 Lorraine Rd.
- 1175. Brown Engineering Co.
123 N. Third St.
FR 3-4127
- 1176. Brush Beryllium Co., The
501 Crescent Ave.
FR 5-4361
- 1177. Detrex Chemical Industries, Inc.
Front and Franklin Sts.
FR 2-2313
- 1178. Eberly, Inc., John A.
- 1179. Edelman, John R.
850-C Berkshire Dr.
FR 2-8367
- 1180. Fortna & Brothers, H. E.
313 N. Third St.
FR 6-7277
- 1181. General Electric Co.
31 N. Sixth St.
Phone: 4-5109
- 1182. Grauert & Co.
Alton and Fairmount Aves.
- 1183. Industrial Abrasives Supply Co.
208 Oak Ter.
Mt. Penn
RE 8-2826
- 1184. Mercator Corp. (Export)
607 Washington St.
- 1185. Orr & Sembower, Inc.
- 1186. Oxenrieder, Henry
522 Court St.
RE 4-1429
- 1187. Pagoda Industries
Ninth at Oley
Phone: 3-7290
- 1188. Polypenco, Inc.
2150 Fairmont Ave.
FR 6-7241
- 1189. Reading Machine & Tool Co.
560 N. 11th St.
- 1190. Seaman Mill Supplies, Inc.
200 Penn Ave.
- 1191. Thomas Body Parts Co.
516 Wood St.
FR 6-4088
- 1192. Towmotor Corp.
941 N. Eighth St.
- 1193. Tragle Manufacturing Co.
408 N. Sixth St.
Phone: 2-7301

RIDLEY PARK

- 1194. Wesson Co.
709 Cylmer La.
LE 4-1897

RIDGWAY

- 1195. North American Industrial Supply,
Inc.
Center St. Ext.
PR 2-0375

ROSEMONT

- 1196. DeHuff & Hopkins
910 Conestoga Rd.
LA 5-4060-4061
- 1197. Gordon, Howard
429 Chetwynd
Lancaster Pike
LA 5-5105
- 1198. Mills, Stuart N.
P. O. Box 482
LA 5-4778
- 1199. Plummer, Lawley & Co.
1022 Lancaster Ave.
LA 5-4978

ROSLYN

- 1200. Garry, James P.
1345 Birchwood Ave.
WI 5181

RUTLEDGE

- 1201. Jones, Norman R.
109 Rutledge Ave.
KI 3-2147

SALTSBURG

- 1202. Hunter Co., F. H.
ME 5-2101

SANFORD

- 1203. Stine Machine & Supply Co.
207 W. Second St.
P. O. Box 1180

SCRANTON

- 1204. Airborne Instruments Laboratory
836 Jefferson Ave.
- 1205. Bittenbender Co.
126-132 Franklin Ave. (2)
DI 2-8181-7-5663
- 1206. Doyle Hardware & Supply Co.
212 N. Main St.
- 1207. Hy-Grade Tire & Supply Co.
437 Wyoming Ave.
- 1208. Ingersoll-Rand Co.
315 Walnut St. (9)
DI 2-8121
- 1209. Murphy Sales Co., The H. G.
802 Scranton National Bank Bldg. (3)
DI 3-2141
- 1210. Scott Co., Charles B.
119-123 Franklin Ave. (3)
DI 2-8211
- 1210A. Weis & Son, John J.
P. O. Box #1286 (5)
- 1211. Williams Industrial & Mill Supply
Co., Inc.
852 Capouse Ave.
DI 3-1296

SELLERSVILLE

- 1212. Precision Finishing, Inc.
P. O. Box 173, Lawn Ave.
AL 7-4724

SEWICKLEY

- 1213. Brown, Stuart D.
401 Broad St.
SE 2432
- 1214. Goldsbury, R. P.
1114 McDonald Pl.
SE 2595
- 1215. Wilfong, Jr., J. D.
744 Ohio River Blvd.
SE 1494

SHARON

- 1216. Pittsburg Gage & Supply
144 Hickory Ave.
- 1217. Quarteron Machine Co.
Stewart Way
DI 7-5730

SHILLINGTON

- 1218. Syntrol Reading Sales Co.
503 Harding Ave.
SP 7-4831

SKIPPAK

- 1219. E.A.M., Inc

SOUDERTON

- 1220. Johnson, Gerald O.
541 E. Broad St.
SO 3-2796

SOUTHAMPTON

- 1221. Booz, Norman
325 Holly Dr.
EL 7-6039
- 1222. Dorn, Albert R.
838 Central Ave.
EL 7-4060

SALES OFFICES

SPRINGFIELD

1223. Barr, John F.
515 Springfield La.
P. O. Box 132
KI 3-8174
1224. Bristol Brass Corp., The
P. O. Box 93
RI 6-8384
1225. Haring, R. G.
444 Glendale Cir.
KI 4-3730
1226. LaKarnafeaux, John P.
100 Gleaves Rd.
1227. Nelson Stud Welding
316 Baltimore Pike
KI 3-3314
1228. Shipley Machinery Co., W. E.
P. O. Box 126

STAFFORD

1229. Campbell, Francis
42 Crestline Rd., Wayne P. O.
MU 8-2958
1230. Fendel, F. A.
110 Hillcrest Rd.
MU 8-2781
1231. Russell, Holbrook & Henderson, Inc.
110 Hillcrest Rd., Wayne
MU 8-2781

SWARTHMORE

1232. Cryer & Wolfe
Theatre Sq.
1233. Molydon Co.
501 Yale Ave.
KI 3-1917

TITUSVILLE

1234. Grason Corp., The
291 Second National Bank
TI 3-1135
1235. Universal-Cyclops Steel Corp.
TI 7-2221

TREVISOE

1236. Deane Carbide Products
Box 104

TYLER

1237. Georgino & Son, Patzy

UPPER DARRY

1238. Allen-Bradley Co.
235 Fairfield Ave.
SH 8-0943
1239. Bryant Co., John G.
101 E. Township Line Rd.
HI 6-9620—SH 8-4707
1240. Delco Machinery Co.
6932 Market St.
P. O. Box 114
1241. Felters Co., The
428 McClatchy Bldg.
FL 2-6333
1242. Gisholt Machine Co.
69th and Market Sts.
SH 7-1010—FL 2-5031
1243. Hahn Co., Louis C.
53 Long La.
FL 2-6454
1244. Keegan Co., W. F.
771 Shelbourne Rd., Box 146
FL 2-1125
1245. Landis Tool Co.
68th and Market Sts.
FL 2-1991
1246. McKay & Walls, Inc.
60 Sherbrook Blvd.
CL 9-5666
1247. Middlestead Co., C. W.
53 Long La.
GR 2-2692
1248. Milwaukee Electric Tool Corp.
8921 W. Chester Pike
SU 9-6332
1249. Production Machinery Distributors
53 Long La.
FL 2-1207

1250. Rezolin, Inc.
46 Garrett Rd.
FL 2-0212
1251. Steinberg Co., Carl F.
304 Huntley Rd.
FL 2-5835
1252. Technical Products Co.
P. O. Box 125
1253. Webster Manufacturing, Inc.
228 Long La.
GR 6-1333

VALENCIA

1254. Weason Co.
R. D. #1, North Dr.
FR 1-9077

VILLA NOVA

1255. Wilson, L. L.
925 Field La.
LA 3-3030

WALLINGFORD

1256. Jones Co., Inc., W. H.
P. O. Box 277
LO 6-1186
1257. Wilhelmy, Norman E.
4 W. Brookhaven
CL 9-5232

WASHINGTON

1258. Fairmont Supply Co.
437 Jefferson Ave.
Phone: 6010
1259. In-Plant General Co.
21 E. Wheeling St.
BA 2-8090

WAYNE

1260. Airborne Instruments Laboratory
65 West Ave.
TR 8-0820
1261. Cincinnati Milling and Grinding
Machines, Inc.
57 West Ave.
MU 8-5701
1262. Creamer, E. J.
381 Warren Dr.
Valley Forge Estates
1263. Ex-Cell-O Corp.
11 West Ave., Rm. 205
MU 8-1418
1264. Federal Products Corp.
101 E. Lancaster Ave.
MU 8-6880
1265. Kinden, Wallace
20 West Ave.
P. O. Box 146
MU 8-2329
1266. Leslie, Donald G.
Box 326
MU 8-3311
1267. McCann, J. J.
787 Upper Gulph Rd.
MU 8-3073
1268. Moody Co., J. A.
10 West Ave.
MU 8-3750
1269. New York & New Jersey Lubricant
Co.
1259 Thomas Rd.
MU 8-2055
1270. Roberts, Howard
497 Fletcher Rd.
MU 8-5590
1271. Sangree, Nathan B.
201 Lansdowne Ave.
MU 8-2106
1272. Shipley Machinery Co., W. E.
P. O. Box 63
1273. Smit & Sons, Inc., J. K.
8 Donna La.
MU 8-2910
1274. Sinclair-Collins Valve Co.
18 West Ave.
MU 8-0244
1275. Valvair Corp.
18 West Ave.
MU 8-0244
1276. Wirt Young & Associates, Inc., W.
106 E. Lancaster Ave.
MU 8-2865

PENNSYLVANIA

WAYNEBORO

1277. Landis Tool Co.
Phone: 1600

WESLEYVILLE

1278. Reynolds, Jr., George A.
3840 Ridge Pkwy.

WEST CHESTER

1279. Buffalo Forge Co.
R.F.D. #4
1280. Byrnes Co., Richard T.
130 E. Market St.
OW 6-2845
1281. Schramm, Inc.
OW 6-2500
1282. Sperry Products, Inc.
13 S. Church St.
OW 6-6007

WEST MIFFLIN

1283. Matthews, Francis
636 Kenny St.
HO 1-2352

WEST LAWN

1284. Houghton & Co., E. F.
111 Montith Ave.
OR 8-8328

WEST NEWTON

1285. Fabricated Products Co.
Water St.

WEST READING

1286. Reliance Electric and Engineering Co.
520 Penn Ave.
FR 4-5517
1287. Seaman Mill Supplies, Inc.
200 Penn Ave.
P. O. Box 1658
FR 6-5711

WEXFORD

1288. Canning, Howard A.
Box 292
WE 3-1905

WHITEHALL

1289. Columbia Machine
606 Weyman Rd.

WILKES-BARRE

1290. Commercial Gas Corp.
111 Scott St.
1291. Holmes Metallic Co.
519 S. Main St.
Phone: 3191
1292. Jones & Laughlin Steel Corp.
854 Miners National Bank Bldg.
Phone: 2-6110—2-5542
1293. Keystone Bearing & Supply Co.
421 S. Main St.
1294. Luzerne & Lackawanna Supply Co.
20 N. Pennsylvania Ave.

WILKINSBURG

1295. Bellows Co., The
727 Penn Ave.
CH 1-7908
1296. Phillips Co., E. S.
913 Penn Ave.
CH 1-6256
1297. Robertson, Frank W.
Box 8773
FR 1-6252

WILLIAMSPORT

1298. Cassady Co., George W.
P. O. Box 238
1299. Fayjan Tool Sales Co.
2171 Inwood Rd.
P. O. Box 843
Phone: 3-5283

SALES OFFICES

PENNSYLVANIA

WILLIAMSPORT (Cont.)

- 1300. Green & Associates, R. R.
504 Market St.
Phone: 2-4736
- 1301. Hermance Machine Co.
First & Campbell Sts.
- 1302. Horn C. S.
815 Shaffer
Phone: 2-1242
- 1303. Keeler Co., E.
315-335 W. Third St. (28)
Phone: 5175
- 1304. Lowry Electric Co., Inc.
643 Elmira St.
Phone: 2-7841
- 1305. Macgill, George
1215 Cherry St.
- 1306. Raub Supply Co.
Phone: 3-3621
- 1307. Sun Oil Co.
Route 14 and Warrensville Rd.
WI 8-8661

WILLOW GROVE

- 1308. Delaware Valley Machinery, Inc.
2323 Maplewood Ave.
OL 9-4600
- 1309. Eastern Equipment Co., Inc.
- 1310. Young, James S.
184 Cowbell Rd.
WI 0918-R

WILMERDING

- 1311. Westinghouse Air Brake Co.
General Office
BR 1-1490

WYNDMOOR

- 1312. Allen, Roy W.
1502 Paper Mill Rd.
AD 3-1712

WYNNEWOOD

- 1313. Chicago Pneumatic Tool Co.
312 E. Lancaster Ave.
MI 9-9300
- 1314. Huck Manufacturing Co.
1 Wynnewood Rd.
TR 8-4725
- 1315. Keystone Reamer & Tool Co.
1230 Knox Rd.
- 1316. Lynch Machinery Co., Inc., Edward A.
29 E. Wynnewood Rd.
MI 2-1210
- 1317. Machinery Associates, Inc.
325 E. Lancaster Ave.
MI 2-8200
- 1318. Niagara Machine & Tool Works
23 Hempstead Cir.
P. O. Box 201
GR 3-8217
- 1319. Ohio Seamless Tube Div.
1 Wynnewood Rd., Rm. 206
MI 2-6102
- 1320. Revere Copper and Brass, Inc.
1 Wynnewood Rd.
- 1321. Sharon Steel Corp.
1 Wynnewood Rd.
- 1322. Vanadium-Alloys Steel Co.
P. O. Box 300
MI 2-3471
- 1323. Ward, Geo. T.
200 N. Wynnewood Ave.
- 1324. Wells, Carl
D-10 Brynwood Dr.

YARDLEY

- 1325. McVeigh, John R.
35 Fairview Dr.

YORK

- 1326. Airborne Instruments Laboratory
12 E. King St.
YO 2-9270

- 1327. Allen-Bradley Co.
653 W. Market St.
Phone: 82-238
- 1328. Allis-Chalmers Manufacturing Co.
56 N. Queen St. (56)
YO 5415
- 1329. Allis Co., The Louis
38 S. Beaver St.
Phone: 8-2028
- 1330. Aluminum Co. of America
205 Manufacturers Bldg.
Phone: 82-044
- 1331. Armstrong, Inc., J. Neill
366 S. Sherman St.
YO 3-2823
- 1332. Automation Sales & Engineering
1213 E. Philadelphia St.
- 1333. Bush-Miller, Inc.
26 State St.
YO 5524
- 1334. Delaware Valley Machinery, Inc.
2441 Bradford Dr.
YO 4-7673
- 1335. Diamond Saw Works, Inc.
2473 N. George St.
YO 8-9242
- 1336. Edgcomb Steel Co.
420 Memory La.
Phone: 47-1411
- 1337. Ehrenfeld Co., Inc., The W. S.
1231 Roosevelt Ave.
Phone: 5411
- 1338. Farscht, Charles E.
29 Columbia Ave.
YO 3-1673
- 1339. Fulton-Mehring & Hauser Co., Inc.
235 N. Beaver St.
Phone: 82-393
- 1340. Garnet Supply Corp.
1101 W. King St.
Phone: 81-370
- 1341. General Electric Co.
56 N. Harrison St.
Phone: 8-2138
- 1342. Kinden, Wallace
538 Atlantic Ave.
YO 6-3325
- 1343. Lincoln Electric Co., The
3730 Laurel La.
Phone: 47-6701
- 1344. Lord Chemical Corp.
2068 S. Queen St.
YO 8-1788
- 1345. Machinery Associates, Inc.
1221 Wiltshire Rd.
- 1346. McKay Co., The
Grantley Rd.
YO 7381
- 1347. Moreland, Earle L.
P. O. Box 1067
Edgewood Dr.
Phone: 82-939
- 1348. Ramcliff Supply Co.
1212 E. Mason Ave.
Phone: 2-3534
- 1349. Reynolds Metals Co.
25 N. Duke St.
YO 6664
- 1350. Root Co., B. M.
420 S. Sherman
Phone: 5449
- 1351. Shipley Machinery Co., W. E.
P. O. Box 1095
YO 3-2321
- 1351A. Small Co., P. A. & S.
- 1352. Souser & Associates, J. L.
P. O. Box 654
Phone: 2-0217
- 1353. Vascology-Ramet Corp.
1812 W. Philadelphia St.
Phone: 2-8921
- 1354. York Corrugating Co.
Adams and W. M. RR
- 1355. York Machinery & Supply Co.
20-28 N. Penn St.
Phone: 2-9531
- 1356. York Steel Co.
730 Ridge Ave.
Phone: 7762

RHODE ISLAND

AUBURN

- 1. Wheeler Handling Equipment
43 Blackamore Ave.
HO 1-5206

BARRINGTON

- 2. Beaver, E. J.
229 New Meadow Rd.
CH 5-3419

CRANSTON

- 3. Cranston Welding & Supply Co.
1425 Park ave.
- 4. Revere Copper and Brass, Inc.
30 Midway Rd. (1)

EAST PROVIDENCE

- 5. Esso Standard Oil Co.
Dexter Rd. and Tangent St. (1)

EDGEWOOD

- 6. Poyton, Robert F.
23 Mather Ave. (5)
WI 1-1874
- 7. Spargo Co., F. A.
P. O. Box 2121 (5)
ST 1-0031

GREENVILLE

- 8. O'Reilly & Boaden
5 Hillcrest Ave.
CE 1-4821

GREEK

- 9. Delco Products Div.
210 E. Poinsett St.
TR 7-3471

JOHNSTON

- 10. Barker-Chadsey Co.
27 Mill St.
JA 1-2704

MANVILLE

- 11. McMurtree Co., T.
3362 Mendon Rd.
PO 9-7701

NEWPORT

- 12. O'Connell, Inc., J. T.
89 Long Wharf

NORTH PROVIDENCE

- 13. MacDermid, Inc.
639 Fruit Hill Ave.
EL 3-3725
- 14. Spetrini, Thomas J.
18 Lincoln Ave.
PA 3-3095

PAWTUCKET

- 15. Barwood Supply Co.
P. O. Box 313
- 16. Caldwell, John
P. O. Box 879
PA 5-3880
- 17. Church Co., The Nelson R.
609 Armistice Blvd.
P. O. Box 826
PA 6-0483
- 18. Davis, Inc., H. G.
587 Pawtucket Ave.
- 19. Hamilton, Robert H.
749 Yodk Ave.
- 20. Harris, Kent W.
P. O. Box 879
PA 5-3880
- 21. Kraatz Corp., J. A.
503 Main St.
P. O. Box 497
- 22. Lincoln Supply Co.
1139 Main St.
PA 6-5800
- 23. Toole Co., William K.
76-78 East Ave.
PA 3-9000

SALES OFFICES

24. Weatherhead Co., The
415 Grotto Ave.
PA 3-3264

PROVIDENCE

25. Ackerlind Steel Co., Inc.
280 Pine St. (3)
GA 1-6707
26. Allis-Chalmers Manufacturing Co.
240 Olney St. (6)
JA 1-8829
27. Aluminum Co. of America
2503 Industrial Bank Bldg. (3)
JA 1-4108
28. American Brass Co., The
200 Chestnut St. (3)
29. American Emery Wheel Works
Richmond Sq. (1)
30. Bellows Co., The
1478 Broad St.
ST 1-4010
31. Brian Supply Co.
111 Chestnut St. (3)
GA 1-8300
32. Bridgeport Brass Co.
177 Georgia Ave. (6)
33. Carpenter Steel Co., The
66 Dudley St. (5)
DE 1-5769
34. Chase Brass & Copper Co.
66 Branch Ave. (1)
DE 1-2300
35. Church Co., Nelson R.
33 Pawtucket Ave.
PA 6-0483
36. City Hall Hardware Co.
Washington and Snow Sts.
37. Cleveland Tramrail Rhode Island Co.
156 W. Exchange St. (3)
38. Clifford Metal Sales Co., Inc.
63 Eagle St. (9)
UN 1-4100
39. Colson Corp., The
1216 Industrial Bank Bldg. (3)
UN 1-0070
40. Congdon & Carpenter Co.
405 Promenade St. (1)
DE 1-4200
41. Corp Brothers, Inc.
1 Brook St. (3)
DE 1-8020
42. Crucible Steel Co.
141 Carolina Ave.
P. O. Box 2096 (5)
ST 1-4141
43. Detrex Chemical Industries, Inc.
1216 Industrial Bank Bldg.
GA 1-7357
44. Durant Tool Supply Co.
1-15 Thubers Ave. (5)
ST 1-7800
45. Durfee, C. L.
65 Rolfe St., Cranston
46. Elgin National Watch Co.
15 Thubers St. (3)
ST 1-7800
47. Fairbanks, Morse & Co.
235 Georgia Ave. (5)
WI 1-6401
48. Farr & Read, Inc.
1 Washington St. (5)
ST 1-1329
49. Franklin Supply Co.
945 Westminster St. (3)
PL 1-3000
50. Freeman Industrial Service, Inc.
776 N. Main St. (4)
UN 1-1810
51. General Electric Co.
Industrial National Bank Bldg. (3)
GA 1-8662
52. Handy & Harman
425 Richmond St. (3)
JA 1-4100
53. Hanson Tool & Supply Co.
116 Calverly St. (1)
GA 1-6435
54. Hatch, Nathan
87 Weybosset St. (3)
DE 1-8500

55. Hirsch, H. B.
123 Congress Ave. (1)
ST 1-4250

56. Houghton & Co., E. F.
P. O. Box 478 (1)
WI 1-6209

57. Industrial Welders Supply Co.
450 Manton Ave. (9)

58. International Supply Co.
190 S. Water St. (3)
GA 1-1442

59. Jackson Co., Paul M.
157 Crary St. (3)
GA 1-6384

60. Leach Machinery Co., H.
387 Charles St. (4)
DE 1-0695

61. Lyman, James T.
83 Anthony Ave. (9)
JA 1-8929

62. Machine Parts Corp.
271 Washington St.
PL 1-4333

63. Machinery Engineering & Sales Co.
136 Silver Lake Ave. (9)
JA 1-6611

64. MacWattyBelting & Rubber Co.
7 Beverly St.
GA 1-1271

65. Manufacturers' Supply Co.
174 Chestnut St. (3)
DE 1-4848

66. McMillen Co., Fred J.
424 River Rd. (8)
DE 1-2791

67. Miller Co., William F.
80 Sprague St. (7)

68. Pearse-Pearson Co.
420 Industrial Trust Bldg. (3)
GA 1-2557

69. Poyton, R. F.
703 Industrial Trust Bldg.
JA 1-3522

70. Providence Mill Supply Co.
389 Charles St. (1)
TE 1-7800

71. Rayhill & Greene Supply Co.
389 Charles St.
TE 1-7450

72. Read & Lundy, Inc.
215-217 Chapman St. (5)
ST 1-2475

73. Read and Purcell Co.
16 Greene St. (3)

74. Reynolds, Inc.
75 Baker St. (5)
ST 1-3010

75. Standard Die Set Co.
1485 Elmwood Ave.

76. Sun Oil Co.
Terminal Rd., Field Point
HO 1-8100

77. Tek Bearing Co., Inc.
849 N. Main St. (4)
JA 1-6006

78. Tierney, James E.
131 Washington St. (3)

WAKEFIELD

79. Murphy, Arthur E.
118 Kenyon Ave.
ST 3-7148

WARWICK

80. Drayton Associates
P. O. Box 151
VA 1-2100
81. Godfrey Co., S. J.
20 Crestwood Rd.
P. O. Box 306
TU 4-2907
82. Kennedy, Donald W.
25 Nakomis Dr.
Governor Francis Farms
HO 3-8856
83. Winters, Stanley G.
20 Oak Hill Ave.
RE 7-3314

RHODE ISLAND

WOONSOCKET

84. Shevlin Co., Arthur R.
1356 Park Ave.
PO 2-4118
85. Woonsocket Supply Co.
128 Main St., South
PO 9-0200

SOUTH CAROLINA

ANDERSON

1. Building Material & Equipment
1619 N. Main St.
2. Dixie Supply Co.
3. Prevost Supply Co.
109 E. River St.
4. Sullivan Hardware Co.
CA 4-0211

CHARLESTON

5. Cameron & Barkley Co., The
160 Meeting St.
P. O. Box 906
Phone: 2-7661
6. Charleston Supply Co.
King St. Extension
RA 2-8851
7. Esso Standard Oil Co.
Meeting St. Rd.
8. Livingston & Haven, Inc.
2215 Meeting St.
P. O. Box 808
SH 4-3334
9. Lukas Equipment Co. of Charleston
2019 Pittsburgh St.
P. O. Box 3142
10. Montague Co., B. L.
King St. Extension
11. Southern Corp.
127 E. Bay
RA 2-8160

CHARLOTTE

12. Mountcastle, E. L.
2617 Selwyn Ave. (9)
FR 7-6719

CLINTON

13. Industrial Supply Co.
219 W. Main St.
Phone: 111

COLUMBIA

14. Columbia Supply Co.
823 Gervais St.
P. O. Box 1465
AL 4-2724
15. Engineer Sales Co. of South Carolina
715 Woodrow St.
P. O. Box 5085
AL 3-4004
16. Esso Standard Oil Co.
360 Gervais St.
17. General Electric Co.
1226 Bull St. (1)
AL 6-4278
18. Glazebrook Co., T. S.
P. O. Box 4193
SU 7-4676
19. Hoffman & Hoffman Co.
1639 Blanding St.
P. O. Box 242
20. Lukas Equipment Co. of Columbia
710 Crosshill Ave.
21. Motor Supply Co.
918 Gervais St.
22. Sinclair Refining Co.
P. O. Box 988
23. Thackston-Davis Supply Co.
828 Gervais St.
P. O. Box 1849
AL 3-7071
24. Tidewater Supply Co., Inc.
807 Gervais St.
P. O. Box 1138
AL 2-6371
25. Welding Gas Products Co.
Shop Rd.

SALES OFFICES

SOUTH CAROLINA

FLORENCE

26. O'Brian-Mace Co.
213 E. Evan St.

GREENVILLE

27. Shepherd Co., Allan T.
P. O. Box 1451
CE 2-6566
28. American Felt Co.
405 Orders St.
CE 2-7691
29. Armstrong Cork Co.
P. O. Box 88
30. Baker Manufacturing Co.
5 Ellendale Ave.
Phone: 3-5361—3-5362
31. Barker Instrument & Machine Co.
N. Parker Rd.
P. O. Box 3598
GR 5-5022
32. Bischoff Chemical Corp.
P. O. Box 3175
33. Carolina Supply Co.
35 W. Court St.
P. O. Box 1530
CE 2-3571
34. Coleman Co., Inc.
305 Rutherford Rd.
Phone: 3-5363
35. Dixie Bearings
407 Pendleton St.
GR 5-9661
36. Dixie Hardware & Mill Supply Co.
504 Rhett St.
37. Esso Standard Oil Co.
Bremlett Rd.
38. General Electric Co.
108 W. Washington St.
Phone: 2-1584
39. Greenville Oxygen Supply Co.
106 E. Stone Ave.
40. Greenville Textile Supply Co.
CE 3-6241
41. Greenwood Supply Co.
42. Hohm Co., Inc., Harley D.
128 Huist Ave.
GR 5-8833
43. Hartford-Greenville
P. O. Box 1776
CE 9-6661
44. Hersey-Thomas Co.
44 Norwood Pl.
P. O. Box 234
45. Hoffman & Hoffman Co.
P. O. Box 5201, Station B
Phone: 3-5916
46. Houghton & Co., E. F.
3 Nottingham Rd. (3)
Sherwood Forest
CE 9-7719
47. Hubbard Co., J. W.
T Warner St.
CE 9-7242
48. Kelley & Associates, L. W.
P. O. Box 3641
CE 5-6343
49. Lukas Equipment Co. of Greenville
85 Cleveland St.
50. Marshall & Williams Equipment Co.
S. Pleasantburg Dr.
P. O. Box 5285, Station B
CE 2-7338
51. Montague Co., B. L.
291 Bypass
P. O. Box 5420, Station B
52. Moore-Tinsley Supply Co., Inc.
216 E. Broad St.
CE 9-5348
53. New York & New Jersey Lubricant Co.
203 E. Faris Rd.
GR 3-6710
54. Poe Hardware and Supply Co.
556 Perry Ave.
P. O. Box 1940
Phone: 3-8311

55. Reeves Pulley Co.
209 E. Stone Ave.
P. O. Box 3645, Park Pl. Branch
CE 2-2403
56. Reliance Electric and Engineering Co.
209 E. Stone Ave.
P. O. Box 3645, Park Pl. Branch
CE 2-2403
57. Schroder, Fred E.
130 Capers
CE 5-1131
58. Tidewater Supply Co., Inc.
8 Church St.
P. O. Box 1183
CE 5-7481
59. Tull Metal & Supply Co., J. M.
205 Airport Rd.
CE 3-6366
60. Veeder-Root, Inc.
Spartanburg Hwy.
CE 3-1371
61. Welborn Co., T. M.
108 Ponce DeLeon
P. O. Box 3175
CE 3-5698
62. Wrenn Brothers
2606 Laurens Rd.
CE 3-4529

GREENWOOD

63. Greenwood Mill Supply Co.
Maxwell Ave.

HAMPTON

64. Reichhold Chemicals, Inc.
HA 2861

HONEA PATH

65. Hammond Service Co.

ROCK HILL

66. Thomson Manufacturing Co., Judson L.
719 Eden Ter.

ST. MATTHEWS

67. Stone, Jr., William
E. Bridge St.

SPARTANBURG

68. Brown-Rogers Dixon Co.
187 W. Broad St.
69. Crenshaw, U. C.
204 Fernwood Dr.
SP 5-1996
70. Dennis, J. F.
P. O. Box 1802
Phone: 3-3766
71. Equipment Distributing Co., Inc.
P. O. Box 952
72. Hall & Co., Inc.
901 E. Main St.
P. O. Box 1809
Phone: 2-1281
73. Lewis and Co., J. W.
319 Exchange St.
P. O. Box 36
Phone: 3-6561
74. New York & New Jersey Lubricant Co.
2249 Glendale Rd.
SP 3-2440
75. Spartan Industrial Supply Co.
P. O. Box 1447-48
Phone: 3-5493

SUMMERVILLE

76. Southern Mill Supply Co.
Phone: 4866

SUMTER

77. Motague Co., Inc., B. L.
P. O. Drawer 191
SP 3-3311
78. Sumter Machinery Co.
P. O. Box 711

WEST COLUMBIA

79. State Machinery & Supply Co.
1005 Meeting St.
Phone: 3-2341

SOUTH DAKOTA

ABERDEEN

1. Aluminum Co. of America
304 Western Union Bldg.
Phone: 3834
2. Anderson Welding Supply Co.
1406 Sixth Ave., Southwest
3. Hub City Iron Co.

FLANDREAU

4. Campbell's, Inc.
P. O. Box 111
WY 7-2341

HURON

5. Eutectic Welding Alloys Corp.
358 Wisconsin Ave.
EL 2-8749

OPAL

6. Vig Equipment Co., Merle E.

RAPID CITY

7. Balbach Co., The
Hwy 79 and St. Anne St. (5)
Box 1346
FI 2-4490
8. Copy Cats, The
106 Main St.
FI 3-0425

SIOUX FALLS

9. Dakota Iron Store
10. Davies, Hugh T.
2516 W. 18th St.
Phone: 8-6210
11. Tuft, R. W.
3104 S. Norton Ave.
12. Welders Gas & Supply Co.
1001 E. Third St.
13. Western Bearing & Supply
1801 W. 12th St.

YANKTON

14. Dakota Supply Co.
327 Broadway
P. O. Box 57
Phone: 2828

TENNESSEE

BRISTOL

1. Interstate Hardware Co.
200-210 State St.
SO 3860
2. Mitchell Powers Hardware

CHATTANOOGA

3. Abernathy-Thomas Engineering Co.
405 Dome Bldg.
AM 6-3240
4. Allis-Chalmers Manufacturing Co.
Hamilton National Bank Bldg. (2)
AM 6-5101
5. Aluminum Co. of America
1205 Volunteer Bldg. (2)
AM 7-6585
6. Bailey Co., Inc., The
2404 E. 28th St. (7)
P. O. Box 8147
MA 2-3912
7. Brooks Welding Supply Co.
700 Manufacturers Rd.
8. Bull, Reece
603 Melville Ave.
MA 9-9569

TENNESSEE

9. Chattanooga Belting & Supply Co.
1221 Market St. (1)
AM 6-2176
 10. Clark, Harris E.
817 Linden Hall St. (5)
TR 7-4277
 11. Crane Packing Co.
830 Tally Rd.
MA 2-7769
 12. Craven, Sr., Roy C.
233 Eveningside Dr. (4)
MA 2-3492
 13. Detrex Chemical Industries, Inc.
1920 Chestnut St.
AM 7-9512
 14. Dixie Bearings
2506 S. Broad St.
CH 7-9526
 15. Dreyer Engineering Sales Co.
1478 Market St.
AM 7-5021
 16. Eaves Co., C. R.
2339 McCallie Ave.
 17. Electric Furnace Co.
505 Cherokee Blvd.
Phone: 7-8140
 18. Electric Motor Sales & Supply Co.
1207 E. 23rd St.
MA 9-7361
 19. Engineered Equipment Co.
1207 E. 23rd St. (8)
MA 9-7361
 20. Engineered Equipment Corp.
1211 Duncan Ave. (2)
MA 2-6885
 21. Fidelity Sales Corp.
518 Chattanooga Bank Bldg.
AM 6-0733
 22. Fischer Supply Co.
1400 Chestnut St.
AM 6-5155
 23. Gardner Machine Co.
Room 1212, Hamilton Bank Bldg. (2)
AM 6-3006
 24. Gardner & Meredith
424 Georgia Ave. (3)
AM 7-4971
 25. General Electric Co.
832 Georgia Ave. (2)
AM 6-1221
 26. Genter Co., C. D.
2109 Broad St.
AM 5-4513
 27. Hajoca Corp.
515 E. 11th St.
 28. Harts Automotive Parts Co.
1230 Market St.
 - 28A Herron and Co.
15 Cinderella Rd., Lookout Mt.
 29. Houghton & Co., E. F.
307 Woodward Ave.
OX 8-3434
 30. Jones-Sylar Supply Co., Inc.
Box 4037, Manufactures Rd. (5)
AM 5-1601
 31. Lincoln Electric Co., The
303 Bass Rd.
AM 5-4438
 32. Mills & Lupton Supply Co.
749 E. 12th St.
AM 6-6171
 33. Moore-Handley Machine Tools
232 E. 11th St. (4)
Phone: 5-3451
 34. Noland Co.
1700 Central Ave., Box 3095
AM 5-3101
 35. Oldenburg, Theodore
3804 St. Elmo Ave. (9)
AM 7-8855
 36. Ortmeier Machinery Co., The
1306 E. 23rd St.
MA 9-7334
 37. Osborne Equipment Co.
1501 E. 39th St.
TA 1-4528
 38. Payne-Koch
111 S. Seminole Dr. (11)
MA 9-0325
 39. Phelps Equipment Co.
1086 Duncan Ave.
 40. Porter-Warner Industries, Inc.
335-9 Volunteer Bldg. (2)
AM 7-3340
 41. Richter, G. E.
920 Chattanooga Bank Bldg.
Phone: 7-4260
 42. Robbins & Bohr
814 Hamilton National Bank Bldg. (2)
AM 7-6697
 43. Rogers-Balley Supply Co.
1146 Market St. (2)
AM 6-8197
 44. Sawrie & Co., H. M.
P. O. Box 4146
2934 Ozark Rd. (5)
AM 7-3776
 45. Scott Machine Tool Co.
116 Dauphin Wy. (11)
AL 8311
 46. Tri-State Sales & Service, Inc.
1310 S. Willow St.
Phone: 98-3681
 47. Vance Iron & Steel Co.
P. O. Box 109 (1)
Phone: 5-3437
 48. Volunteer Bearings & Transmission Co.
2000 S. Broad St.
 49. Watts Machinery Co., Bud
4116 Albemarle Ave. (11)
MA 4-9408
 50. Weirton Steel Co.
P. O. Box 4061 (5)
TU 6-2643
 51. Wood Supply Co., Inc., Walter A.
4517 Rossville Blvd.
- DONELSON**
52. Deaderick Co., Inc., R. O.
2405 Merry Oaks Dr.
Phone: 6-5460
- HIXSON**
53. Kennametal, Inc.
Rte. 1, Box 462
AM 6-6681
- JACKSON**
54. Southern Supply Co.
- JOHNSON CITY**
55. Evans Welding Supply Co.
615 Walnut St.
Phone: 2488
 56. Lancaster Associates, Eustis
John Sevier Hotel Bldg.
Phone: 3200
 57. Noland Co., Inc.
Walnut and Watauga Ave.
Phone: 2542
 58. Summers Hardware & Supply Co.
Buafflo, Ashe and Cherry Sts.
- KINGSPORT**
59. Abernathy-Thomas Engineering Co.
341-345 W. Market St.
CI 5-6151
 60. Fidelity Sales Corp.
P. O. Box 927
145 Commerce St.
CI 5-5541
 61. Greene Hardware & Supply Co.
703 E. Market St.
 62. Oxygen Service Co.
500 E. Main St.
P. O. Box 127
CI 6-6178
 63. Southern Oxygen Co.
P. O. Box 71
- KNOXVILLE**
64. Abernathy-Thomas Engineering Co.
5606 Lakeshore Dr.
Phone: 7-8262
 65. Allis-Chalmers Manufacturing Co.
531 S. Gay St. (2)
Phone: 2-2165
 66. Allis Co., The Louis
1935 W. Cumberland Ave.
 67. Bate Co., William B.
2907 E. Fifth Ave. (14)
Phone: 4-4438
 68. Bellows Co., The
317 N. Gay St.
Phone: 2-5321
 69. Bowditch & Co.
1311-C N. Broadway (17)
Phone: 4-2513
 70. Browning Belting & Supply Co.
801 E. Jackson Ave. (17)
Phone: 3-9101-02
 71. Deaderick Co., R. O.
317 Gay St.
P. O. Box 1940
Phone: 4-2537
 72. Dempster Machine Shop, Inc., The
1649 Riverside Dr.
Phone: 2-6048
 73. Dixie Bearings, Inc.
417 Dale Ave.
Phone: 5-4137
 74. Esso Standard Oil Co.
Middlebrook Pike, R. F. D. #7
 75. Fairbanks, Morse & Co.
2202 W. Cumberland Ave. (16)
Phone: 2-1711
 76. Ferguson Equipment Co.
1309 Broadway, Northeast
Phone: 4-1491
 77. Fidelity Sales Corp.
P. O. Box 626
217 W. Hill Ave.
KN 2-5460
 78. Gardner-Denver Co.
214 W. Magnolia Ave. (17)
Phone: 3-6195
 79. General Electric Co.
1301 Hannah Ave., Northwest (16)
Phone: 3-4135
 80. Halliday Co., Inc., The Alfred
P. O. Box 1861
Arnold Hotel
Phone: 2-0845
 81. Houghton & Co., E. F.
2607 Belmont Hgts.
Phone: 3-7397
 82. Industrial Belting & Supply Co.
408 W. Jackson Ave.
Phone: 5-8133
 83. Ingersoll-Rand Co.
412 W. Jackson Ave. (24)
Phone: 3-3145-6-7
 84. Knox-Tenn Equipment Co.
P. O. Box 3083
200 Irwin St. (17)
 85. Knoxville Blue Print & Supply Co.
614 Western Ave. (2)
Phone: 5-0463
 86. Lancaster Associates
Andrew Johnson Hotel Bldg.
Phone: 4-4623
 87. Leinart Engineering Co.
P. O. Box 506
412 E. Fifth Ave. (5)
TE 5-0363
 88. Loy, Gaines B.
c/o General Delivery
KN 4-5306
 89. Mechanical Equipment Co.
714 Market St.
DI 4-1169
 90. Miller, Warren S.
525 Arrowhead Trail
KN 8-1661
 91. Miscellaneous Metals
P. O. Box 1345 (1)
 92. Murrian Co., The W. S.
912 W. Clinch Ave. (1)
P. O. Box 624
Phone: 3-4331
 93. Osborne Equipment Co.
1102 Market St. (1)
Phone: 5-1177

SALES OFFICES

TENNESSEE

KNOXVILLE (Cont.)

94. Payne Co., Hoyt N.
Box 439
410 E. Depot Ave.
Phone: 3-5185
95. Pettyjohn, John G.
Daylight Bldg.
96. R. B. M. Co., Inc.
414 Willow Ave., Southeast (12)
P. O. Box 12
97. Roden Electrical Supply Co.
806 N. Central
98. Rogers & Morgan
806 19th St.
Phone: 3-7942
99. Self Co., Walter I.
211 W. Cumberland Ave. (15)
KN 2-1385
100. Southeastern, Inc.
917 Cooper St.
101. Stair, James A.
Box 14
Phone: 7-4807
102. Tennessee Belting & Supply, Inc.
419 Depot Ave., Northwest (1)
P. O. Box 1749
Phone: 5-9371
103. Tennessee Mill & Mine Supply Co.
P. O. Box 2391
410 State St. (1)
Phone: 3-2161
104. Tennessee Welding Supply Co.
125 Morelia Ave., Northwest
105. Tidewater Supply Co., Inc.
P. O. Box 377
1506 Island Home Ave., Southeast (1)
Phone: 2-0163
106. Tool Crib, Inc.
2031 Sutherland Ave. (1)
Phone: 5-6195
107. Valley Materials Handling, Inc.
6012 Clinton Hwy.
108. Young, George
317 N. Gay St.
Phone: 5-1669

MEMPHIS

109. Advance Rubber Stamp Works
P. O. Box 510
110. Albright, Jr., George J.
32 N. Cleveland St. (4)
BR 5-3629
111. Alemite Co.
1071 Union Ave. (3)
112. Allis-Chalmers Manufacturing Co.
46 N. Third St. (3)
JA 7-0377
113. All-South Sales & Engineering Co.
P. O. Box 5271 (16)
EX 7-3535
114. Aluminum Co. of America
1520 Sterick Bldg. (3)
JA 5-8305
115. Aro Equipment Corp.
293 Bonita Dr. (9)
EX 7-6650
116. Avery Co., Gil H.
944 Rayner St. (14)
BR 2-3086
117. Bauman & Son, Sam
720 Jefferson Ave.
JA 3-1416
118. Beard, Hal
166 Monroe Ave. (3)
JA 5-1631
119. Beaver Welding Supply Co.
P. O. Box 2554
683 Linden Ave. (3)
JA 5-7213
120. Bellows Co., The
3119 Barron St.
GL 8-2883
121. Black & Decker Manufacturing Co.,
The
921 S. Third St. (6)
WH 2-3244
122. Blackstone Co., E. C.
500 Madison ave. (3)
JA 5-0382
123. Bolin Engineering & Supply Co., The
805 S. Main St.
124. Branch-Merwin Tool Specialists
477 N. Bellevue (5)
BR 4-6102
125. Bray, L. E.
25 Shepherd La.
MU 3-3412
126. Bridgeport Brass Co.
648 Riverside Dr. (3)
127. Carlson Die Engineering Co.
2529 Broad Ave. (12)
128. Carrier Corp.
Room 284-5 Shrine Bldg. (3)
JA 5-8083
129. Cartwright & Bean
P. O. Box 5801
1336 Madison Ave. (4)
BR 4-1914
130. Central Supply Co.
444 N. Main St.
131. Choctaw, Inc.
Hollywood St.
P. O. Box 2057 (2)
GL 8-4481
132. Clark Controller Co., The
240 S. Parkway East (6)
P. O. Box 10166
WH 8-0496
133. Clement Safety Equipment, Inc.
720 S. Third St. (2)
134. Cleveland Tramrail Memphis Co.
32 N. Cleveland St. (4)
BR 5-3629
135. Coleman & Associates, Byron E.
P. O. Box 3093 (14)
136. Cone Co., Malcolm S.
3823 Northwood Dr. (11)
GL 2-1472
137. Corum Co., T. A.
1216 Union Ave. (4)
138. Craig Industrial Equipment Co.
P. O. Box 5776
1101 Poplar (4)
BR 5-5777
139. Crane Packing Co.
200 N. Waldran Blvd. (5)
BR 6-8252
140. Crimes Co. of Tennessee
178 Neil St. (12)
P. O. Box 7585
141. Cubbins, Frank
P. O. Box 494
BR 8-0591
142. Cunningham, R. C.
1431 LaPaloma Cir. (14)
BR 5-7217-W
143. Dabney-Hoover Supply Co., Inc.
P. O. Box 2392
45 W. Virginia (2)
WH 8-0461
144. Danciger Equipment Co.
P. O. Box 8143 (4)
BR 6-1296
145. Dean & Associates, C. W.
4711 Poplar Ave. (17)
MU 2-1371
146. Delta Oxygen Co., Inc.
611 Court Ave. (5)
147. Devilin, John
1416 Walton Rd. (17)
148. Dilworth Co., J. E.
730 S. Third St. (2)
P. O. Box 2834
JA 7-0261
149. Engineered Instrument Sales Co.
2717 Union Ave. (12)
Binghamton Station, P. O. Box 9947
FA 3-1275
150. Engineered Plant Equipment Co.
166 Monroe Ave. (3)
JA 5-1631
151. Esso Standard Oil Co.
328 Wisconsin Ave.
152. Fafnir Bearing Co., The
880 S. Third St. (6)
JA 5-7662

153. Fairbanks, Morse & Co.
676 Jefferson Ave. (5)
JA 5-1614
154. Fitts, Lloyd D.
325 M. & M. Bldg.
JA 7-3729
155. Flexonics Corp.
2621 Latham St.
WH 8-0382
156. Flinn Engineering Co.
P. O. Box 8027-Crosstown Sta.
BR 8-1732
157. General Electric Co.
8 N. Third St. (3)
JA 5-2781
158. General Pipe & Supply Co.
P. O. Box 10195, McKellar Sta. (6)
WH 8-4057
159. Gregory-Salisbury & Co.
240 S. Parkway East (6)
WH 8-0486
160. Halliday Co., Inc., The Alfred
1473 Madison Ave. (4)
P. O. Box 9007
BR 6-8809
161. Harris Iron Co., Inc., The
236 Front St.
162. Hays Supply Co.
P. O. Box 2585
287 S. Front St. (2)
Phone: 3-71561
163. Hicks Machine Tool Co.
Box 6401
673 S. Cooper St. (11)
BR 6-2741
164. Hines, John C.
P. O. Box 5554-Crosstown Sta.
1353 Heistan Pl.
BR 6-3743
165. Hinson, Malcolm C.
199 Lorece La.
166. Hoffman-Marquard Machinery Co.
3387 Poplar Ave. (11)
FA 7-7211
167. Houghton & Co., E. F.
420 Derron Bldg.
JA 7-3461
168. Huntington Industries, Inc.
2368 Prospect St. (9)
169. Hyster Sales & Service
P. O. Box 7418, Lee Station
JA 6-3262
170. Industrial Supplies, Inc.
Poplar Ave. at Front St.
171. Ingersoll-Rand Co.
3251 Allison
FA 7-7950
172. Jones Co., Grady W.
1062 Union Ave. (3)
P. O. Box 4101
BR 6-6363
173. Jones & Laughlin Steel Corp.
712 Home Federal Bldg. (3)
JA 5-7526
174. Jones & Orth
385 S. Main St. (3)
JA 5-8212
175. Jones, Tom B.
651 S. Cooper St. (4)
BR 6-4459
176. Ladd, R. G.
5176 Helene Rd.
MU 3-3956
177. Lewis Supply Co.
No. 8 E. Calhoun St. (3)
P. O. Box 2692
JA 5-6871
178. Lilly Co., The
466 Union Ave. (1)
JA 6-3137
179. Lincoln Electric Co., The
No. 8 E. Calhoun St. (3)
JA 7-0108
180. Linde Co.
48 W. McLeMore Ave. (5)
WH 8-7766
181. McAvoy Co., C. J.
364 S. Front St. (3)
JA 5-6321

TENNESSEE

182. Memphis Bearing & Supply Co.
477 S. Front St. (2)
P. O. Box 2297
JA 6-7543
183. Memphis Machinery & Supply Co.
301 S. Front St. (1)
P. O. Box 225
JA 7-4443
184. Memphis Rubber & Supply
483 S. Main St. (3)
JA 5-5437
185. Metal Goods Corp.
1970 Latham St. (6)
WH 8-3407
186. New Departure Div.
663 S. Cooper St. (4)
BR 2-1673
187. Noland Co., Inc., The
357 Court St.
P. O. Box 197
188. O'Brien Engineering Co., T. J.
668 S. Main St. (5)
JA 6-0339
189. Offutt Co., Inc., L. E.
431 N. Dunlap St.
JA 5-1851
190. Owen, W. D.
38 S. Century (11)
GL 8-0783
191. Oxburn Crew & Yantis Co.
P. O. Box 429
192. Pidgeon-Thomas Iron Co.
E. H. Crump Blvd. at S. Main (2)
Phone: 9-5611
193. Process & Power
P. O. Box 10138
1565 Harbor Ave. (6)
WH 2-3253
194. Production Tool Sales Co.
Box 3074 (3)
195. Riechman-Crosby Hays Co., The
P. O. Box 173
223 S. Front St. (1)
JA 5-2461
196. Reliance Electric and Engineering Co.
3373 Poplar Ave., Rm. 209 (11)
FA 7-6062
197. Remington Arms Co., Inc.
1701 Sterick Bldg. (3)
JA 6-5326
198. Reynolds Metals Co.
1420 Union Bldg.
BR 8-3041
199. Rotary Lift Co.
(2)
200. Skil Corp.
558 S. Cooper St. (4)
BR 6-4578
201. Slaughter, Hunley
P. O. Box 6403
185 Alexander (11)
GL 2-4278
202. Southern Co.
300 E. Georgia Ave. (2)
203. Southern Tool & Equipment Co.
2865 Summer Ave. (12)
FA 3-7727
204. Southern Twist Drill Co.
50 S. Cooper (4)
BR 6-6341
205. Standard Welders Supply
363 Walnut St.
206. Sterling Electric Motors, Inc.
4711 Poplar Ave., Rm. 9 (17)
MU 5-8081
207. Stout of Tennessee, Inc., Curtis H.
718 M & M Bldg. (3)
JA 6-7601
208. Stubblefield, Paul J.
2250 Alameda
209. Supreme Products Corp.
35 S. Cooper
P. O. Box 8047
Phone: 2-2157
210. Taylor, Milton W.
7 W. Virginia (9)
P. O. Box 3242
WH 2-4872
211. Tennessee Fabricating Co.
1490 Grimes St. (6)
212. U. S. Electrical Motors, Inc.
3387 Poplar Ave.
FA 7-3551
213. Vandemark Co., Fred J.
185 E. Butler
Box 2561, DeSoto Sta.
214. Victory Carbide Saw Service Co.
7 W. Virginia
WH 2-4872
215. Walmsley Bearing Co.
1118 Union Ave. (3)
BR 5-2381
216. Watts Machinery Co., Bud
P. O. Box 5435
2453 S. Bellevue Blvd. (16)
WH 2-2497
217. Wepfer Co., William
640 Harvey Rd. (17)
218. Wilco Machine Works
P. O. Box 3722-Municipal Airport
219. Williams Blue Print Co., Wray
23 S. Second St. (3)
JA 5-6353
220. Woods Machine Co., S. A.
81 Madison Ave. (3)
JA 5-6467
221. Wurzburg Brothers, Inc.
710-24 S. Fourth St. (3)
JA 5-1441
- NASHVILLE**
222. Abernathy-Thomas Engineering Co.
4430 Saunders Ave. (7)
CA 8-4006
223. Air Filter Sales & Service
1529 Demonbreun St. (3)
AL 6-3322
224. Alemite Co.
122 15th Ave., South
225. Allied Bearings, Inc.
828 Eighth Ave., South
226. Arrow Blue Print Co.
716 Eighth Ave., South
AL 5-1261
227. Ash-McNeil Welding Supply Co.
124 15th Ave., North (3)
228. Bailey Co., Inc., The
Box 5565
1010 Fourth Ave., North (8)
CH 2-0351
229. Baker Lift Truck Service Co.
316 Sixth Ave., South
AL 6-1721
230. Bouchard & Sons Co., John
1024 Harrison St.
231. Buford Brothers, Inc.
125 Tenth Ave., South
Phone: 6-4683
232. Clark Hardware Co.
1414 Fourth Ave., South (10)
233. Cumberland Die Supply Co., Inc.
1000 Mile End Ave. (7)
CO 2-3360
234. Deaderick Co., R. O.
P. O. Box 1043
CH 2-2900
235. Dixie Bearings, Inc.
511 Eighth Ave., South
CH 2-7351
236. DoAll Tennessee Co.
1923 Church St.
CH 2-5519
237. Dozier Equipment Co.
1530 Demonbreun St. (3)
AL 5-4131
238. Empire Machinery & Supply Corp.
1001 Third Ave., North (8)
MA 2-3683
239. Esso Standard Oil Co.
1728 28th Ave., North
240. Estes Saw & Machine, Howard
215 Fourth Ave., South
AL 6-4516
241. F & L Sales & Service Co.
1015 W. Kirkland Ave.
CO 2-0471
242. Gardner Co., R. E.
P. O. Box 9305 (4)
CY 7-5362
243. General Electric Co.
1717 W. End Bldg. (3)
AL 5-2793
244. Gossett Co., The M. T.
1205 Church St.
245. Halliday Co., Inc., The Alfred
P. O. Box 6194
CY 7-5008
246. Industrial Electric Co.
3 S. Fifth St.
AL 6-4908
247. Industrial Sales
305 Fifth Ave., South
AL 4-3508
248. Keith-Simmons Co., Inc.
14 Cummins Sta. (1)
P. O. Box 1030
249. Keith-Sinclair Co., Inc.
1141-5 Broadway (1)
AL 6-2641
250. Lincoln Electric Co., The
700 Benton Ave.
CY 7-9772
251. Material Handling Equipment Co., Inc.
815 Sixth Ave., South
252. Mid-Tenn Supply Co.
1001 Third Ave., North (8)
Phone: 5-3114
253. Miles & Associates, H. R.
2500 Franklin Rd. (4)
CY 2-7016
254. Moore-Handley
492-498 Craighead St. (1)
AM 9-5631
255. Nashville Machine & Supply Co.
100 Woodcrest Ave. (11)
AL 6-8151
256. Noland Co., Inc.
P. O. Box 729
First and Main Sts.
AL 5-1251
257. Osborne Equipment Co.
418 Second Ave., South (10)
AL 5-2184
258. Pearl Equipment Co.
843 N. Seventh
P. O. Box 26
CH 2-5476
259. Perkins Tire Supply Co.
106 29th St., North
260. Perry & Barr Co.
1717 W. End Ave. (3)
AL 5-9946
261. Peterson Machinery Co.
309 Seventh Ave., South
Phone: 5-8608
262. Petroleum Equipment Co.
Box 763
108 Fatherland St. (2)
263. Randolph Sales, Inc.
512 39th Ave., North (9)
CH 2-1789
264. Reynolds Metals Co.
1717 W. End Ave. (3)
CH 2-5684
265. Shop Supply Co.
2926 Donna Hill Dr. (14)
DO 6-3935
266. Sinclair Refining Co.
P. O. Box 299
267. Southern Industries Supply Co., Inc.
2403 Nolensville Rd.
268. Syntrol Nashville Sales Co.
719 17th Ave., South (2)
P. O. Box 218
AL 6-2429
269. Tennessee Die Supply Co.
314 Howerton St. (6)
AL 6-2597
270. Tennessee Machinery Co.
113-119 Third Ave., South (3)
AL 4-3417
271. Tupper Co., Vernon S.
206 Tuck Bldg.
272. Vaughn, R. E.
115 Lyle Ave.
273. Williams, Charles R.
2108 Westwood Ave.
CY 7-4237

SALES OFFICES

TENNESSEE

NORRIS

274. Van Rensselaer, F. R.
P. O. Box 394
Phone: 2351

NORTH CHATTANOOGA

275. Brandt & Sullivan
247 Peace St.
AM 6-4592
276. Jones-Sylar Supply Co.
P. O. Box 4047 (5)

OAK RIDGE

277. General Electric Co.
253 Main St.
Phone: 5-2476

SIGNAL MOUNTAIN

278. All South Sales & Engineering Co.
P. O. Box 42
279. Burton-Franklin Co.
TU 6-1316
280. Mack, Edwin S.
507 Carolina Ave.
TU 6-1277

TEXAS

ABILENE

1. Allis-Chalmers Manufacturing Co.
412 First National Bank Bldg.
OR 4-3472
2. Central Texas Iron Works
Lytle Lake Rd. and T. P. R. R.
Phone: 4-9183
3. General Electric Co.
Pender Bldg.
OR 2-6442
4. Malcom Supply Co.
P. O. Box 1721
5. Oil Field Service & Equipment
P. O. Box 1772
6. Plains Machinery Co.
2701 S. Treadway
OR 4-8527

ALICE

7. Alice Air System Service
San Antonio Hwy.
P. O. Box 1462

AMARILLO

8. Allis-Chalmers Manufacturing Co.
361 Polk St.
DR 3-1766
9. Amarillo Hardware Co.
800 Grant St.
10. Amarillo Supply Co.
95 Taylor St.
DR 2-6529
11. Browning Blue Print Co.
310 Taylor St.
P. O. Box 2448
DR 3-8343
12. Butler & Land
1505 W. Tenth St.
DR 6-5255
13. Clark Controller Co., The
1505 W. Tenth St.
DR 6-5255
14. Clowe & Cowan, Inc.
P. O. Box 551
DR 2-3247
15. Crane Packing Co.
2713-B Westhaven Cir.
FL 6-5531
16. General Electric Co.
Amarillo Bldg.
DR 3-3781
17. General Sales, Inc.
4405 N. E. Eighth St.
18. Gugenheim Co., Inc., A. D.
710 Grant St.
Phone: 2-6539

19. Moorlane Co.
118 S. Pierce
P. O. Box 2249
DR 2-6731
20. Plains Machinery Co.
3500 N. E. Eighth St.
DR 3-1747
21. Radcliff Supply Co.
204 Polk St., Box 1987
DR 3-8328
22. Simmons Co., W. T.
Box 1303
DR 4-8922
23. Snyder Co., Inc.
3615 S. Lipscomb
FL 6-5471
24. Welding Equipment & Supply Co.
P. O. Box 2303

ARLINGTON

25. Air Reduction Sales Co.
401 Watson Rd.
26. Central Industrial Supply
1505 E. Abram
27. Ellefson, Herbert B.
P. O. Box 173
ED 5-9555
28. M-M Tool & Methods
1910 Meadow La.
CR 5-3066
29. Miller Co., The Jack
1009 W. Randol Mill
AN 2-2363
30. Preston Machine Tools, Inc.
104 Professional Bldg.
31. Waddell, Lloyd
Route #1, Box 459
LO 5766

AUSTIN

32. Burton Duplicating Service
1705 East Ave. (2)
GR 8-7451
33. Capitol Welding Supply Div.
Box 6098
34. National Welding & Supply Co.
Box 983
35. Vulcap Co.
2326 E. First St.

BEAUMONT

36. Allis-Chalmers Manufacturing Co.
490 Orleans St.
TE 5-2535
37. Bearings, Inc.
2980 Milam St.
38. Big Three Welding Equipment
4895 Port Arthur Rd.
Phone: 4-2693
39. Briggs-Weaver Machinery Co.
1005 S. Fourth St.
TE 8-5261
40. Crane Packing Co.
3525 Kenwood Dr.
TE 8-3020
41. General Electric Co.
1385 Calder Ave.
TE 3-8453
42. Gulf Supply Co., Inc.
4815 Port Arthur Rd.
P. O. Box 470
TE 5-2511
43. Ingersoll-Rand Co.
2510 Broadway
TE 3-9441
44. Johnston Bearing & Supply
2855 College St.
Phone: 4-8644
45. Metal Goods Corp.
2525 Calder Ave. (1)
TE 3-7536
46. Norvell-Wilder Supply Co.
P. O. Box 4145
TE 3-2631
47. Plowden Supply Co.
728 Franklin St.
P. O. Box 4307
TE 5-1421

48. Process Sales Co.
P. O. Box 1
TE 5-0911
49. Standard Brass & Manufacturing Co.
705 Milam St.
TE 3-2641
50. Sun Oil Co.
San Jacinto Bldg.
595 Orleans St.
TE 8-8611
51. Wallace Co., Inc.
Hwy. 347, South
RA 2-3463
52. White Blue Print Co.
795 Fannin St.
P. O. Box 1552
TE 3-8451

BELLAIRE

53. Bendit, L. C.
P. O. Box 146
MO 7-3592
54. Emerson Co., A. A.
4814 Tamarisk
MO 7-0939
55. Gronberg, Jack I.
P. O. Box 291
56. Hagood Co., Howard
P. O. Box 175
GY 4-3511
57. Marz, J. B.
5610 Evergreen St.
P. O. Box 133
MO 5-1926

BORGER

58. Big Three Welding Supply Co.
616 Phillips Rd.
BR 4-2274
59. Four R Industrial Supply
328 E. Third
P. O. Box 510
BR 3-5678

BROWNSVILLE

60. Big Three Welding Equipment Co.
Box 1648

CANYON

61. Emerson Co., A. A.
1307 Sixth Ave.
OL 5-3111

CISCO

62. Reynolds Manufacturing Co.
P. O. Box 1112

CORPUS CHRISTI

63. Alamo Iron Works
100 N. Broadway
64. Allis-Chalmers Manufacturing Co.
416 N. Chaparral St.
TU 3-8521
65. Big Three Welding Equipment Co.
Box 1648
66. Campbell Steel Warehouse
P. O. Box 1286
TU 4-3891
67. Corpus Christi Hardware Co.
68. Corpus Christi Oxygen Co.
2827 Agnes St.
69. Crane Welding Supply Co.
1524 N. Fort Ave.
70. Gardner-Denver Co.
4522 Baldwin Blvd.
TU 3-8323
71. General Electric Co.
205 N. Chaparral
TU 4-4833
72. Glidden Engineering & Equipment Co.
314 Cole St.
TU 4-7942
73. Ingersoll-Rand Co.
4540 Baldwin Blvd.
TU 3-6593

TEXAS

74. Metal Goods Corp.
4548 N. Baldwin Blvd. (1)
TU 4-0366
75. Nixon Blue Print Co.
P. O. Box 407
TU 2-2531
76. Nueces Engineering Co.
3534 Pecan St.
77. San Antonio Machine & Supply Co.
P. O. Drawer 971
TU 2-6591
78. Tropical Supply, Inc.
1133 E. Port Ave.
P. O. Box 806
TU 3-6547
79. Truckers Equipment, Inc.
1517 N. Port
80. Wallace Co., Inc.
4545 Baldwin Blvd.
P. O. Box 1473
TU 2-1961
81. Wilson Electrical Equipment Co.
P. O. Box 9004
TU 3-2831

DALLAS

82. Aeroquip Corp.
P. O. Box 3-5463 (35)
83. Airborne Instruments Laboratory
9040 Directors Row (35)
FL 7-6441
84. Air Equipment Sales Co.
2608 Inwood Rd.
P. O. 35012
FL 2-6943
85. Alemite Co.
1611 Dragon St. (7)
86. Allegheny Ludlum Steel Corp.
Meadows Bldg. (6)
EM 1-2891
87. Allied Components
P. O. Box 10203 (7)
RI 2-2830
88. Allis-Chalmers Manufacturing Co.
1800 N. Market St. (2)
RI 2-7144
89. Aluminum Co. of America
301 Thomas Bldg. (2)
RI 1-6291
90. American Brass Co., The
5531 E. University Blvd. (6)
91. American Felt Co.
3209 McKinney (4)
RI 2-7928
92. American Optical Co.
711 S. St. Paul St.
RI 7-8761
93. American Steel & Wire Div.
Dallas Federal Savings Bldg. (1)
RI 2-4196
94. Anderson, C. R.
5834 Waggoner Dr. (33)
EM 8-8811
95. Anderson Co., R. P.
2503 W. Mockingbird Ave. (19)
KL 5331
- 95A. Armco Steel Corp.
3631 Cedar Springs Rd. (19)
96. Aro Equipment Corp.
3929 Centenary (25)
EM 0567
97. Baker Industrial Trucks
1703 Levee St.
RI 8-3203
98. Baldwin Lima Hamilton Corp.
2356 Irving Blvd. (7)
RI 7-8441
99. Ballem & Wells Co.
1426 Slocum St. (7)
RA 3849
100. Barnett, O. C.
P. O. Box 4484 (8)
WH 2-7833
101. Bearing Chain & Supply Co.
2613 Canton St.
102. Bellows Co., The
4924 Greenville Ave.
EM 8-8223
103. Benson Engineering Co.
2514 W. Mockingbird La.
FL 2-7541
104. Big Three Welding Supply Co.
4532 Singleton Blvd.
FE 1-5448
105. Black & Decker Manufacturing Co.,
The
1808 N. Industrial Blvd. (7)
RI 5089
106. Bone Co., Robert S.
623 Texas Bank Bldg. (2)
RI 8-2098
107. Bosco Bolt, Nut & Screw Co.
2215 Young St. (1)
108. Boston Gear Works Branch
2156 Irving Blvd.
TI 8-5801
109. Bowles Co., Stanley D.
1910 S. Lamar St.
HA 8-1319
110. Bowser, Inc.
1706 Hinton St. (19)
FL 7-3841
111. Bridgeport Brass Co.
425 S. Field St. (2)
112. Briggs-Weaver Machinery Co.
5000 Hines Blvd.
JU 0311
113. Brightboy Industrial Div.
5314 Cedar Springs Rd. (19)
114. Brown Co., R. C.
5534 Dyer St. (6)
115. Browne Co., P. D.
2512 W. Mockingbird La. (19)
FL 7-2239
116. Brunner & Lay, Inc.
150 Leslie St. (2)
RI 7-0726
117. Buffalo Forge Co.
10811 Camellia Dr.
118. Bunting Brass & Bronze, The
2825 Commerce St. (26)
RI 7-1722
119. Butler & Lane
5538 Dyer St.
P. O. Box 8085
EM 1-6631
120. Campion Sales Co.
9002 Chancellor Row
121. Cannon Co., W. W.
9739 Denton Dr.
122. Carr, E. F.
4590 S. Versailles Ave.
123. Carrier Corp.
10838 N. Central Expressway (1)
EM 8-3631
124. Cavert & Lipscomb
1127 Kirby Bldg. (1)
RI 7-6202
125. Chain Belt Co.
8601 Sovereign Row (7)
FL 7-4601
126. Chapman Co., J. T.
1103 Levee St. (7)
RI 8-3950
127. Chase Brass & Copper Co.
119 Pittsburgh St. (7)
P. O. Box 10386
RI 7-4271
128. Chicago Pneumatic Tool Co.
1021 Levee St. (7)
RI 1-4568
129. Circo Equipment Co.
2547 Farrington St. (7)
RI 7-5423
130. Clark Controller Co., The
5538 Dyer St. (6)
P. O. Box 8085
EM 1-6631
131. Cleco Div.
2526 W. Mockingbird La. (35)
FL 2-9545
132. Clemco Sales Co.
P. O. Box 5606
HA 1-7079
133. Cleveland Tramrail Texas Co.
5542 Dyer St. (6)
EM 1-2835
134. Cleveland Twist Drill Co., The
1902 N. Field St. (2)
RI 1-3144
135. Coastal Plains Supply Co.
1631 Dragon St. (2)
136. Cole, Paul
4541-C Westside Dr. (9)
137. Collier Co., C. H.
154 Payne St.
P. O. Box 6118 (9)
RI 3351
138. Colson Corp., The
115 S. Patton St. (3)
WH 2-9611
139. Commercial Shearing & Stamping Co.
508 Exchange Bank Bldg. (35)
140. Connell Co., J. S.
2816 Commerce St. (26)
141. Consolidated Electrodynamics Corp.
704 Exchange Bank Bldg.
142. Continental Supply Co.
Continental Bldg. (1)
143. Cottingham Bearings & Service
401 Exposition Ave.
P. O. Box 7967
TA 4-2581
144. Cowles & Co., Inc.
2712 W. Mockingbird La. (35)
FL 7-1729
145. Crane Packing Co.
7901 Sovereign Row (35)
P. O. Box 35047, Airlawn Sta.
FL 7-3941
147. Curtin & Co., W. H.
P. O. Box 5304 (22)
148. D & O Engineering Co., Inc.
P. O. Box 8053 (5)
EM 8-5653
149. Dallas Welding Equipment Co.
2131 Butler St. (35)
150. Damschroder, James A.
8400 Westchester Dr. (25)
Suite G, Lingo Bldg.
EM 1-2730
151. Davies Supply & Manufacturing Co.
2547 Farrington St. (7)
152. Davis Equipment Co.
Exchange Park Bldg., Rm. 4-B (35)
153. Denison Engineering Div.
5526 Dyer St.
EM 8-8187
154. Detrex Chemical Industries, Inc.
301 N. Market St.
RI 8-3489
155. DeVillbiss Co., The
2468 Irving Blvd. (7)
RI 1-4052
156. Dillon Scale and Equipment Co.
3907 Elm St. (26)
157. Disston Div.
435 Kirkwood Dr. (18)
DA 1-9302
158. DoAll Dallas Co.
1628 N. Industrial Blvd. (7)
RI 1-4536
159. Dodge Manufacturing Corp.
2412 Irving Blvd. (7)
RI 1-4941
160. Dow Chemical Co., The
1505 Elm St. (1)
RI 2-8691
161. Dow Corning Corp.
6778 Greenville Ave. (31)
EM 8-1301
162. Dres, Henry W.
5207 Wateka Dr. (9)
FL 1-4133
163. Eaves, Sam
4515 Prentice St.
164. Ebeling Co., P. H.
301 N. Market St. (2)
165. Eggelhof Engineers, Inc.
4331 Belmont Ave.
TA 4-2505
166. Eldridge Sales Co., Inc., L. C.
324 Interurban Bldg.
RI 8-2952
167. Elliott Co., Lynn
1008 Fidelity Union Life Bldg.
RI 8-1140
168. Engineering Sales Co.
118 Parkhouse (7)

SALES OFFICES

TEXAS

DALLAS (Cont.)

169. Engineering Supply Co.
6000 Denton Dr. (19)
RI 1-9015
170. Eaden Co., Frank V.
7039 Gaston (14)
TA 0380
171. Eutectic Welding Alloys
2204 Irving Blvd. (7)
RI 1-5829
172. Everett Parnels
305 Claassen Dr. (18)
DI 8-3330
173. Exact Weight Scale Co., The
504 Interurban Bldg. (1)
RI 2-4555
174. Fafnir Bearing Co., The
9600 Directors Row (35)
FL 7-8568
175. Fairbanks, Morse
1713 N. Market St. (2)
RI 1-4741
176. Famco Machine Co.
1538 Harbor Rd.
FR 1-8798
177. Fisher, N. A.
5025 Bowser Ave. (9)
LA 5621
178. Fix Co., George J.
2413 Commerce St. (26)
RI 8-2218
179. Flexible Tubing Corp.
2703 Bomar Ave.
FL 7-6613
180. Fork Lift Sales & Service, Inc.
5508 Redfield Rd. (35)
TA 4-0117
181. Frazier, W. A.
4333 Belmont
TA 4-0117
182. Freik, Ray
318 N. Pearl St.
RI 1-6051
183. French, Howard G.
1708 Houghton
EX 1-6745
184. Fricke, A. C.
212 Julian St. (3)
QW 2052-31
185. Galbraith Steel & Supply Co.
1500 Irwin-Kaiser Bldg. (1)
186. Galvin Sales Co.
5622 Dyer St. (6)
EM 8-3878
187. Gardner-Denver Co.
7125 Harry Hines Blvd. (35)
FL 7-4561
188. General Electric Co.
8101 Stemmons Freeway (22)
FL 7-4581
189. General Power Equipment
5527 Dyer St. (6)
EM 8-4655
190. Giller Tool Supply Co.
8700 Chancellor Row (35)
191. Gilliam Equipment Co., John
P. O. Box 10145 (7)
RI 2-3121
192. Glidden Engineering & Equipment Co.
4824 Greenville Ave. (6)
P. O. Box 4815
EM 8-4851
193. Goodson Manufacturing Co.
3406 Elm St. (26)
RI 2-4722
194. Greene Machinery Co.
6300 Wyche Blvd. (35)
FL 2-7531
195. Greer Hydraulics, Inc.
P. O. Box 11506 (18)
DA 1-3992
196. Griffin, C. L.
P. O. Box 13643 (24)
RI 7-1441
197. Griggs Co., Mark K.
322 W. Jefferson (8)
WH 1-4994
198. Grimes Co.
6835 Forest Park Rd.
199. Grubbe, Robert W.
3921 Main St. (26)
200. Guenther, John B.
4533 N. Central Expressway (25)
LA 8-6286
201. Haley, G. R.
2514 Irving Blvd. (7)
RI 1-3423
202. Hamilton Machinery Co.
P. O. Box 5959
PR 4141
203. Harnischfeger Corp.
1225 N. Industrial Blvd. (7)
RI 7-7796
204. Harris, Jr., Jim M.
721 N. Windemere St.
205. Harris Co., L. M.
Box 5936, Terminal Annex
WH 3-7573
206. Harris, W. T.
Fifth Floor, 2nd Unit
Santa Fe Bldg. (2)
RI 8-3708
207. Harter Machinery, C. J.
8022 Harry Hines Blvd. (35)
FL 2-4371
208. Hill Equipment & Supply Co.
1745 Levee St.
P. O. Box 5887
RI 1-3067
209. Hixson Co., W. C.
305 N. Austin St. (2)
RI 2-8652
210. Holland, James A.
9133 Lynbrook Dr. (18)
211. Horn Blue Print Co.
404 S. Ervay St.
RI 1-5251
212. Houghton & Co., E. F.
P. O. Box 6264
Terminal Annex Sta.
RI 2-5033
213. Huck Manufacturing Co.
P. O. Box 4336
RI 1-6051
214. Huster Machine Tool Co.
1836 Grauwylar Rd. (19)
FL 7-3808
215. Hydraquip Corp.
1517 Levee St.
RI 7-9237
216. IBM Corp.
Fidelity Union Life Bldg. (1)
RI 1-1258
217. Industrial Air Controls, Inc.
1228 N. Industrial Blvd.
RI 1-1389
218. Industrial Sales Service, Inc.
P. O. Box 35374 (1)
FL 1-3927
219. Industrial Tool Specialties
5314 Cedar Springs Rd. (19)
LO 2946
220. Ingersoll-Rand Co.
1728 Canton St. (1)
RI 7-8311
221. Ipsen Industries, Inc.
322 W. Jefferson
WH 1-4994
222. Jack & Heintz, Inc.
9254 W. Lake Highland Dr.
223. James & Cooper Co.
401 Exchange Bank Bldg. (35)
FL 7-1559
224. Jarrett, Harry
Box 275
225. Johnson Bronze Co.
3034 Commerce St. (26)
RI 7-3302
226. Johnson & Associates, Dean A.
2023 Lucas Dr. (19)
227. Johnson, J. W.
6019 Winton St. (6)
TR 1234
228. Joiner-Meade-Capers
3920 Cedar Springs
LA 6-8624
229. Jones & Laughlin Steel Corp.
1616 Republic National Bank (1)
RI 8-4551
230. Jordan, Jr., Frank H.
2844 Fondren Dr. (5)
231. Kaiser Aluminum & Chemical
Sales, Inc.
414 Vaughn Bldg.
1712 Commerce St. (1)
RI 7-1501
232. Kinetrol Co.
5543 Dyer St. (6)
EM 8-2871
233. Kirk Tool Sales
2840 Fondren Dr. (5)
EM 8-0535
234. Knappe & Co., Harold O.
3002 Commerce St.
RI 7-7596
235. Koch Engineering & Sales
309 Meadows Bldg. (9)
EM 1-1765
236. Koelling Co., Robert K.
5526 Dyer St. (6)
EM 1-1411
237. Kreer, W. H.
3925 Greenbrier Dr. (25)
EM 6-4518
238. Laurie, Charles
2464 Irving Blvd.
239. Lawrence Sales
P. O. Box 13026
FL 2-7484
240. Lay, C. M.
4429 Mockingbird La. (5)
241. Lay Machinery Co.
3516 Greenville Ave. (6)
TA 4-1189
242. Lindberg, Robert E.
5852 Glendora Ave. (30)
FO 8-7961
243. Lindberg Engineering Co.
1109 N. Mont Clair Ave. (8)
WH 2-8033
244. Linde Co.
2626 Commerce St. (26)
RI 7-8618
245. Lindeman, E. C.
3110 N. Fitzhugh Ave. (4)
LA 6-5801
246. Lindale Machinery Co., Bill
601 W. Commerce St. (1)
RI 7-1521
247. Lockett & Co., Ltd., A. M.
1701 Mercantile Dallas Bldg. (1)
248. Long Machine Tool Co.
2801 Elm St.
249. Lord Manufacturing Co.
Gibraltar Life Bldg. (1)
RI 1-3392
250. Luttrell Co., James D.
P. O. Box 8737 (18)
WH 6-7493
251. Lynn & Hemphill
2116 W. Pearl St.
- 251A. Lyon Metal Products, Inc.
1314 Wood St., Rm #603 (2)
252. M-H Equipment Co.
707 Fabrication St.
P. O. Box 5941
RI 7-4251
253. Machine Tool Associates, Inc.
Prentice at Yale (6)
EM 8-6576
254. Machine Tool Sales Co.
520 Park Ave.
P. O. Box 6077
255. Machinery Sales & Supply Co.
P. O. Box 1078 (21)
256. Magnaflex Corp.
2823 Manor Wy. (35)
FL 2-2628
257. Magnolia Petroleum Co.
P. O. Box 900 (21)
258. Manning, Maxwell & Moore, Inc.
4227 Herschell
259. Marathon Electric Manufacturing
Corp.
318 N. Pearl St. (1)
RI 7-7606
260. Mayhew Supply Co., Inc.
4700 Scyene Rd.
P. O. Box 7726
HA 8-1563
261. McDermott, Dan
2023 Lucas Dr. (19)
P. O. Box 6811

SALES OFFICES

TEXAS

262. Metal Goods Corp.
6211 Cedar Springs Rd. (35)
FL 1-3271
263. Miller Electric Manufacturing Co., Inc.
1303 S. Montreal
WH 6-9013
264. Minnesota Mining & Manufacturing Co.
2121 Santa Anna Ave. (28)
DA 7-7311
265. Moncrief-Lenoir Manufacturing Co.
2605 Coombs St.
2605 Coombs St.
266. Morse Chain Co.
318 N. Pearl St.
RI 2-8926
267. Morse Twist Drill & Machinery Co.
2110 Farrington St. (7)
P. O. Box 10294
RI 1-5646 & 1-5649
268. Mueller Brass Co.
1616 Hi-Line Dr. (7)
P. O. Box 10262
RI 7-8773
269. Murray Co. of Texas, Inc., The
3200 Canton St.
P. O. Box 7763
RI 1-9441
270. Myers, B. C.
932½ W. Jefferson Blvd.
271. Neal, J. P.
1558 Harbor Rd. (16)
FR 1-8798
272. Nelson Stud Welding
1323 Levee St. (7)
RI 7-3738
273. Nicholas & Parks Machinery Co.
2800 Commerce St. (22)
RI 3246
274. Oakite Products, Inc.
1509 Main St. (1)
RI 7-2589
275. Oilwell Supply Co.
2001-15 N. Lamar St.
276. Oil Well Supply Div.
P. O. Box 478 (1)
277. O'Neill Machinery Co., Dave
2714 Fielder Ct. (35)
FL 7-7397
278. Peck Co., The Gordon V.
130 Casa Linda Plaza (18)
DA 1-6579
279. Peery Steel Co.
3835 Singleton Blvd. (22)
FE 1-4354
280. Porter-Cable Machine Co.
1712 S. Akard St.
HA 8-2251
281. Probst, Herbert
P. O. Box 13342
FL 2-1370
282. Production Products Co.
P. O. Box 8001 (5)
LA 8-7994
283. Pyramid Specialties Co.
3104 Gaston Ave.
TA 1-2363
284. Recappers Equipment Co.
1909 Canton St.
285. Redfearn Sales Co.
4513 Emerson Ave. (5)
RI 1-4511
286. Reichhold Chemicals, Inc.
4909 Reading St. (7)
FL 1-6376
287. Reid & Taylor Co.
2011 Cedar Springs (1)
288. Reliance Electric and Engineering Co.
5622 Dyer St. (6)
EM 8-3926
289. Reliant Tool Products Co.
9745A Hines Blvd. (20)
FL 2-5431
290. Remington Arms Co., Inc.
1241 National Bldg. (1)
291. Resistoflex Corp.
135 Glass St. (7)
RI 2-2396
292. Revere Copper and Brass, Inc.
8320 Chancellor (35)
P. O. Box 35247
293. Reynolds Metals Co.
729 Exchange Bank Bldg.
FL 2-4874
294. Richardson, Jack
5531 Lobello Dr.
EM 8-5855
295. Rieke, Raymond C.
P. O. Box 6633 (19)
296. Riekes & Sons, S.
3314 Meadow St. (15)
HA 1-2168
297. Royal Supply Co., The
6626 Maple (34)
P. O. Box 35374
Fleetwood 1-3927
298. Russell, Burdall & Ward Bolt & Nut Co.
3110 N. Fitzhugh (4)
LA 8-6569
299. Ryerson & Son, Inc., Joseph T.
Box 5960
FE 1-4311
300. Sabine Supply Co., The
9005 Sovereign Row
301. Sander, William A.
7305 Edgerton Dr.
302. Sargent & Co., E. H.
5915 Peeler St. (19)
303. Scanlon Co., P. J.
2608 Inwood Rd. (35)
FL 1-9991
304. Schindler Co., Inc., Leo J.
2133 Butler St. (35)
LA 8-0517
305. Schoonmaker Co., J. Y.
5328 Redfield Ave. (35)
LA 6-7239
306. Sears & Co., Ben
P. O. Box 6811
LO 8567
307. Shipp & Payne
2023 Lucase Dr.
P. O. Box 6811
LA 8-8567
308. Shuey Co., Robert A.
6234 Peeler (35)
P. O. Box 35393
FL 7-3393
309. Sinclair Refining Co.
P. O. Box 6568, M. C. Sta. (19)
310. Skil Corp.
4014 Elm St. (26)
TA 4-1674
311. Smetherman, Dan A.
6228 Wofford Ave. (17)
EV 1-4289
312. Snap-on Tools Corp.
3009 Gaston Ave.
TA 7-0811
313. Snyder Co., Inc.
6234 Peeler St. (35)
FL 2-0760
314. Southwest Industrial Sales Co.
P. O. Box 6851 (19)
FL 2-1709
315. Southwestern Engineering & Equipment Co.
2906 Lemmon Ave.
LO 7433
316. Southwestern Gage Co.
3030 Dyer St. (5)
LA 8-7123
317. Southwestern Precision Sales, Inc.
3030 Dyer St.
JU 7123
318. Spencer, E. B.
8514 Chadbourne Rd.
FL 1-3879
319. Stanco Co., The
2516 Irving Blvd. (7)
RI 1-5138
320. Sterling Electric Motors, Inc.
1103 Levee St. (7)
RI 8-3950
321. Stuart, L. L.
3436 Manana Dr. (20)
322. Sun Oil Co.
744 Rio Grande National Bldg. (21)
RI 7-1611
323. Sutton and Associates, Wes.
1165 Parkcrest Dr. (11)
WH 2-0147
324. Syntrol Dallas Sales Co.
2613½ Young St. (1)
RI 7-4328
325. Tarvin, John C.
7225 Maringo Dr.
EV 1-8943
326. Tate & Roe Equipment Co.
3542 Dyer St. (6)
EM 1-2859
327. Teves-Barrier, Inc.
2712 W. Mockingbird La. (35)
FL 2-6084
328. Teves, F. W.
4515 Prentice St., Room 100 (6)
EM 1-6024
329. Texas Co., The
1512 Commerce St. (2)
330. Texas Rubber Supply Co., Inc.
2436 Irving Blvd.
RI 7-3143
331. Texas Solvents and Chemicals Co.
2500 Vinson St. (12)
FE 1-5428
332. Texas Tool Traders
3206 Hines Blvd. (9)
LA 8-0591
333. Thompson-Hayward Chemicals Co.
2627 Weir St. (22)
P. O. Box 6226
FE 1-6521
334. Thompson, Jack E. S.
10223 Garland Rd. (18)
335. Thompson, M. C.
1022 N. Edgefield Ave. (8)
WH 2-0121
336. Tighe, E. F.
2023 Lucas Dr. (19)
P. O. Box 6811
337. Tompkins Co.
7324 Harry Hines Blvd.
EL 3243
338. Tool Products Co.
147 Payne St. (7)
RI 1-4453
339. Tool Supply & Engineering
1901-03 Canton St.
P. O. Box 6077
RI 1-1953
340. Torrington Co., The
2435 Farrington St. (7)
RI 1-4163
341. Towne Industrial Equipment Co., Inc.
1410 S. Akard St.
342. Trampier, George J.
5409 Anita Ave. (6)
TA 4-2320
343. Tri State Machinery Co.
3000 Commerce St.
344. Tucker Co., R. C.
P. O. Box 13773
RI 7-3312
345. United States Electrical Motors, Inc.
1605 Levee St.
RI 1-5927
346. Unlaub Co., C. G.
P. O. Box 7945 (26)
HA 8-1511
347. VanHorn Co., Oliver H.
TA 7-6481
348. Vascoloy-Ramet Corp.
9745A Harry Hines Blvd.
FL 2-4038
349. Verson Manufacturing Co.
8300 S. Central Expressway (8)
HA 4175
350. Viking Pump Co.
2175 W. Commerce St. (22)
RI 2-6830
351. Vinson Steel & Aluminum Co.
4606 Singleton Blvd.
FE 1-4311
352. Vogel-Swygard Associates
113 Payne St. (7)
353. Volkmer & Kratz
2501 Mockingbird La. (34)
FL 2-7239
354. Wagner, C. A.
5024 University Blvd. (9)
FL 2-4619

SALES OFFICES

TEXAS

DALLAS (Cont.)

- 355. Walte, Harold C.
16628 Marquis La. (20)
FL 7-8742
- 356. Wallace Co.
P. O. Box 6047
- 357. Wallace-Gluck Co.
3529 Manana Dr. (20)
P. O. Box 13203
FL 7-7080
- 358. Wallis, Ralph E.
4047 Herschel Ave. (19)
LA 1-1537
- 359. Ward Co., L. R.
3009 Canton St. (26)
RI 1-9004
- 360. Ways, A. A.
2820 Wentwood Dr. (25)
EM 1-2281
- 361. Wear Associates
8234 Peeler St. (35)
P. O. Box 35362
FL 7-3770
- 362. Webb, J. K.
2810 McKinney Ave. (1)
TA 3-6178
- 363. Welders Supply, Inc.
430 S. Industrial
- 364. Wells, Raymond
Dallas Transfer and Terminal
Santa Fe Bldg. Unit #2 (34)
CH 7-3741
- 365. Wesson Co.
P. O. Box 13607
FL 7-7919
- 366. Wesutton & Associates
1165 Parkcrest Dr. (11)
WH 2-0147
- 367. Westinghouse Air Brake Co.
100 Exchange Park North (35)
FL 2-9622
- 368. Wickman & Associates, H. M.
4258 Shore Crest Dr. (9)
P. O. Box 7082
FI 2-1832
- 369. Wilsey, John G.
2604 Mount View Dr. (34)
CH 7-3181
- 370. Wilson Co., C. G.
1501 S. Akard St. (15)
- 371. Womack Machine Co.
2010 Shea Rd. (35)
FL 7-3871
- 372. Woodward, Jack W.
410 S. Haskell Ave. (10)
- 373. Wright Industrial Products
5738 N. Central Expressway (8)
TA 4-2571
- 374. Zimmerman, Fred H.
6327 Lakehurst Ave. (30)

EL PASO

- 375. Air Reduction Sales Co.
Old Fort Bliss Rd.
KE 3-4442
- 376. Alemitte Co.
601 Montana St.
- 377. Allis-Chalmers Manufacturing Co.
215 Stanton St.
KE 3-9517
- 378. Associated Engineers
511 Hawkins Wy.
P. O. Box 606
PR 2-3233
- 379. Associated Supply Co.
718 N. Copia St.
- 380. Big Three Welding Supply Co.
1836 E. Paisano Dr.
KE 2-6854
- 381. Border Machinery Co., The
1710 E. Paisano Dr.
KE 3-7564
- 382. Boyd Industrial Engineering, Inc.
609 Laurel St.
Phone: 3-7575
- 383. Braun Chemical Co.
1309 Texas St.

- 384. Brewer Co., Inc., R. L.
100 S. El Paso St.
KE 2-7651
- 385. Brown Co., Roger
604 Montana St.
P. O. Box 7338
KE 2-5418
- 386. Cate, C. F.
221 International Mart Bldg.
KE 3-7352
- 387. Clark Controller Co., The
511 Hawkins Wy.
P. O. Box 660
PR 2-3233
- 388. Clifford, John B.
607 Montana St.
KE 2-9880
- 389. Cummins Rio Grande Sales & Service,
Inc.
P. O. Box 132
- 390. El Paso Saw & Belting Supply Co.
1701 Texas St.
Phone: 3-7543
- 391. El Paso Welding Supply
1611 Paisano
KE 2-4461
- 392. Engineered Equipment, Inc.
1010 Hawkins Wy.
P. O. Box 5282
PR 2-1029
- 393. Eyler, S. H.
912 Mesita Ave.
Phone: 2-9583
- 394. Flournoy Co., E. D.
1224 E. Missouri St.
P. O. Box 3625, Station A
Phone: 3-5531
- 395. Gardner-Denver Co.
1704 E. Paisano Dr.
KE 2-5654
- 396. General Electric Co.
215 N. Stanton
Phone: 3-7553
- 397. Industrial Hardware & Supply Co.
215 Poplar St.
P. O. Box 2231, Station A
- 398. Ingersoll-Rand Co.
2100 Wyoming St.
KE 2-3673
- 399. Landes, Zachary & Peterson
1900 Mills St.
Phone: 3-9080
- 400. Mayes Co., R. A.
7804 Bois D'Arc
P. O. Box 3344
- 401. Mine & Smelter Supply Co.
1515 E. 11th St. (16)
P. O. Box 1163
KE 2-5431
- 402. Morsen, Dunnegan, Ryan Co.
800 E. Overland St.
- 403. Pike, J. O.
P. O. Box 865
- 404. Service & Supply Co.
810 N. Stanton
- 405. Steel & Engineering Products Co.
1035 E. Side Rd.
P. O. Box 3626
PR 2-5274
- 406. Thomson Co., Inc., Geo. S.
611 N. Campbell St.
- 407. Tobias Co., Wm. L.
2406 Texas St.
KE 3-7010
- 408. Worthington Corp.
303 N. Oregon St.
- 409. Zork Hardware Co.
115 San Francisco St.

FORT WORTH

- 410. Abrasive Products, Inc.
2724 Tillar
FO 5377
- 411. Adco Industries
3414 Camp Bowie Blvd. (7)
ED 2-3339
- 412. Air Accessories, Inc.
1400 Henderson
ED 5-3214

- 413. Airsupply Co.
P. O. Box 1906
ED 5-4541
- 414. Allen-Lagarde Co.
508 W. Daggett St. (1)
- 415. Allis Chalmers Manufacturing Co.
408 W. Seventh St. (1)
ED 2-8331
- 416. Amstan Supply Div.
101 E. Industrial Ave. (1)
ED 2-3111
- 417. B-K Supply Co.
110 E. 11th St. (2)
ED 2-2828
- 418. Bauer Co., The
1017 Norwood St.
- 419. Bell Reproductions Co.
907 Throckmorton St.
ED 6-0565
- 420. Big Three Welding Supply Co.
1717 E. Presidio (1)
ED 6-5314
- 421. Briggs-Weaver Machinery Co.
222 N. University
FO 5621
- 422. Carr, K. H. "Kenny"
Box 6784
WA 3-4476
- 423. Coates Co., Lloyd P.
3710 Meadowbrook Dr.
JE 5-7622
- 424. Delta Products Div.
1400 Henderson St.
ED 5-3214
- 425. Engineering Associates, Inc.
2912 Stanley
P. O. Box 886
WE 7386
- 426. Fischer, C. A.
2501 Virginia St. (1)
FA 6402
- 427. Fix Co., George J.
408 W. Weatherford St.
ED 5-9283
- 428. Fort Worth Bolt & Tool Co.
2822 Bledsoe St. (7)
ED 5-3361
- 429. Fort Worth Instrument Co.
2104 Thomas Rd. (1)
TE 4-2434
- 430. General Electric Co.
6100 Camp Bowie Blvd.
P. O. Box 9218
SU 2121
- 431. General Industrial Supply Corp.
108 Industrial Ave. (1)
ED 5-9581
- 432. Gilliam Equipment Co., John
3018 Bledsoe
ED 6-3090
- 433. Glidden Engineering & Equipment
708 Hemphill (4)
ED 2-9593
- 434. Great Western Supply Corp.
2515 N. E. 26th St. (11)
VI 2211
- 435. Gulf Metal Products Co.
901 W. Vickery (4)
ED 2-1749
- 436. Hall Bearing Co.
1304 Throckmorton St.
- 437. Hood, Oscar H.
P. O. Box 11027
WA 6-1381
- 438. Huck Manufacturing Co.
P. O. Box 1845 (1)
PE 2-2634
- 439. Industrial Air Controls, Inc.
2715 Ludelle St.
JE 6-8450
- 440. Keller-Hyden, Inc.
3341 Winthrop (7)
PE 8-5451
- 441. Kencar Co.
2590 McCart
P. O. Box 6784
WA 4-6674-3-4476
- 442. LaGarde of Ft. Worth, Allen
P. O. Box 2048

SALES OFFICES

TEXAS

- 443. Link Aviation, Inc.
3327 Winthrop St. (16)
- 444. Machinery Sales & Supply Co.
- 445. McBride, Frank P.
4304 Lisbon St.
PE 7-9757
- 446. Metal Goods Corp.
ED 2-7471
- 447. Mid-Continent Supply Co.
P. O. Box 189
ED 2-4484
- 448. Millers Falls Co.
2711 Race St.
- 449. Mulholland, Joe
N. Main at 12th St.
- 450. National Distributing Co.
2610 W. Berry St.
- 451. Nicastro Co., L. V.
3590 McCart St.
WA 3-5586
- 452. Norvell Wilder Supply
N. E. 12th St.
- 453. Precision-Southwest Co.
70 Jennings Ave. (2)
ED 2-1610
- 454. Rosan, Inc.
3327 Winthrop Ave., Room 238
PE 2-2885
- 455. Sciaky Brothers, Inc.
1414 Electric Bldg.
ED 6-4811
- 456. Sinclair Refining Co.
P. O. Box 4307, Stockyard Sta. (6)
- 457. Small Co., T. J.
2550 White Settlement Rd.
ED 2-9891
- 458. Southwestern Controls
7001 Glen Hills Rd.
AT 4-2683
- 459. Standard Parts & Equipment Corp.
904 N. Main St.
ED 6-2521
- 460. Tarrant County Reproduction Co.
1306 Main St.
ED 6-0531
- 461. Texas Contractors Supply Co.
2637 E. Lancaster
ED 2-4117
- 462. Tool Supply & Engineering Co.
3970 Shannon Dr. (16)
ED 6-3756
- 463. Van Horn Co., Inc., Oliver H.
451 S. Main St. (1)
ED 5-4484
- 464. Waddell & Sons, Earl R.
4116 E. Lancaster Ave. (3)
JE 5-2163
- 465. Wales Strippit, Inc.
1414 Electric Bldg.
ED 6-2997
- 466. Wapakoneta Machine Co., The
7233 Brooks Ave. (18)
- 467. Webb & Co., Henry A.
629 Ben St., Box 1987 (6)
- 468. Well Machinery & Supply Co.
1629 Main St.
- 469. Worth Welders Supply Co.
801 N. Houston

FREEPORT

- 470. Tobey Hardware & Supply Co.
201 E. Park St.
Phone: 3-2671

GAINESVILLE

- 471. Greenwood & Co.
203 E. California
HO 5-2864
- 472. National Supply Co., The
N. Hwy. 77
P. O. Box 761
HO 5-2811

CALVESTON

- 473. Black Hardware Co.
2215 Strand St.

GARLAND

- 474. Ampco Metal, Inc.
630 S. Jupiter Rd.
BR 5-6181
- 475. Damschroder, James
P. O. Box 455

GRAND PRAIRIE

- 476. Tasco-Texas Aircraft Supply Co.
233 S. E. 14th St.
AN 2-1039
- 477. Texas Aircraft Supply Co., Inc.
233 S. E. 14th St.
P. O. Box 335
AN 2-1129

GREGGTON

- 478. Industrial Oxygen Corp.
1837 Gladewater Rd.

HARLINGEN

- 479. San Antonio Machine & Supply Co.
P. O. Box 671

HOCKLEY

- 480. Smith, Jr., W. O. W.
Route 1, Box 87
SW 5-2145

HOUSTON

- 481. Aaron Machinery Co., Inc.
8510 La Porte Freeway
MI 4-5346
- 482. Acme Welding Supply, Inc.
2706 Brazos St.
- 483. Active Engineering Sales Co.
632 Cherry Bark La. (24)
- 484. Ada Oil Co.
6910 Fannin
P. O. Box 844
JA 6-1911
- 485. Air Accessories, Inc.
5828 Harvey Wilson Dr.
WA 8-3494
- 486. Airborne Instruments Lab.
3305 Montrose Blvd. (6)
JA 6-2008
- 487. Air Devices, Inc.
P. O. Box 9391
- 488. Air-Draulic Equipment Co.
839 S. 66th St.
- 489. Air-Dreco
320 S. 66th St.
WA 3-2525
- 490. Airetool Manufacturing Co., The
2046 Banks St. (6)
JA 3-5926
- 491. Air Reduction Sales Co.
3603 Cherry St.
CA 8-9353
- 492. Alemite Co.
308 Chenevert (1)
- 493. Allen-Bradley Co.
2105 McKinney Ave. (3)
CA 5-0747
- 494. Allis Chalmers Manufacturing Co.
1104 Dowling St. (3)
CA 5-0601
- 495. Allis Co., The Louis
3783 Richmond Ave. (27)
P. O. Box 2287
MO 4-4533
- 496. Alloy Rods Co.
2201 Dallas Ave. (3)
CA 3-4991 and 3-4992
- 497. Alloy Weld Supply Co.
1414 Huge Oaks (24)
CA 8-7023
- 498. All-State Welding Alloys Co., Inc.
6814 Concho St.
GY 4-0272
- 499. Alstad, B. H.
1441 Shadeland Dr. (24)
- 500. Alstate Machinery Co.
Box 1134
CA 4-7470
- 501. Aluminum Co. of America
1804 Commerce Bldg. (2)
CA 5-0531
- 502. American Brass Co., The
1114 Texas Ave. Bldg. (2)
- 503. American Optical Co.
603 McGowen St.
JA 6-1731
- 504. Anderson Co., R. P.
P. O. Box 4602, Parcel Post Sta.
- 504A. Armeo Steel Corp.
1306 C. & I. Life Bldg. (2)
- 505. BG Co., The
P. O. Box 19155
- 506. Behring's Bearings Service, Inc.
1308 LaBranch St. (3)
- 507. Bellows Co., The
7127 Long Dr.
MI 4-4146
- 508. Bethlehem Steel Co.
7100 Clinton Dr. (1)
- 509. Big Three Welding Equipment Co.
3602 W. 11th St. (1)
UN 4-7701
- 510. Bob Machine Tool
5115 Cornish (7)
UN 2-1302
- 511. Boeck Engineering Co.
5806 Long Dr., Box 12187
OL 4-4331
- 512. Boswell, R. E.
2027 Harold St. (6)
JA 8-0891
- 513. Boudreau, John R.
2106 Woodcrest Dr. (18)
GV 2-4612
- 514. Brice Co., W. E.
303 Bastrop St. (3)
CA 2-7321
- 515. Bridgeport Brass Co.
3815 Richmond Ave. (27)
- 516. Briggs Filtration Co.
6406 Long Dr.
MI 4-5556
- 517. Briggs-Weaver Machinery Co.
P. O. Box 9405 (11)
- 518. Brill, Bill
10627 Burdine St. (35)
FA 3-4370
- 519. Brown Co., R. C.
1220 Polk St. (2)
CA 7-2354
- 520. Browne Co., P. D.
413 Continental Bank Bldg. (2)
CA 7-1992
- 521. Buck, A. E.
10306 Raritan Dr. (24)
HO 5-6561
- 522. Butcher, Carter & Preston
6635 Navigation Blvd. (23)
WA 3-9479
- 523. Coates Co., L. M.
5702 Navigation Blvd.
- 524. Carpenter Steel Co., The
2502 Broad St. (17)
OL 4-6564
- 525. Carrier Corp.
2727 Wesleyan St. (27)
MO 7-9188
- 526. Chain Belt Co.
1100 E. Holcombe Blvd. (25)
JA 9-4548
- 527. Champion Industrial Sales Co.
5809 Navigation Blvd.
P. O. Box 373
WA 1-7183
- 528. Chase Brass & Copper Co.
16 Drennan St. (1)
P. O. Box 2151, Main Postoffice
CA 2-7266
- 528A. Chicago Pneumatic Tool Co.
2120 Canada Dry St. (23)
- 529. Clark Controller Co., The
6831 Navigation Blvd. (11)
WA 8-5431
- 530. Cleveland Punch & Shear Works Co.,
The
715 Kilroy Ave. (29)

SALES OFFICES

TEXAS

HOUSTON (Cont.)

531. Cleveland Tramrail Texas Co.
4007 Bellaire (25)
MA 3-8422
532. Collier-Hille Co.
5720 Harvey Wilson Dr.
WA 3-9309
533. Consolidated Electrodynamics Corp.
5721 Beekman St., Suite #1
534. Coombs Co., B. F.
P. O. Box 19037 (24)
Phone: 5-3404
535. Cozart, James
2123 Latexo (18)
OV 2-4915
536. Crane Packing Co.
6626 Supply Row (11)
WA 3-7683
537. Creeger, Jr., Henry W.
3014 Ferndale St. (6)
JA 3-6450
538. Cro Steel Products Co.
1821 W. Alabama Ave.
JA 2-3300
539. Crucible Steel Co.
6416 Navigation Blvd. (1)
WA 1-7113
540. Davis Equipment Co.
1404 Dunlavy St.
JA 2-2711
541. Dannenbaum Co., M. N.
2421 S. Wayside Dr. (21)
WA 3-7655
542. De Laval Separator Co., The
10519 Shadow-Wood Dr. (1)
HO 8-1938
543. Deico Products Div.
8501 Montridge Dr.
MO 5-4481
544. Delta Supply Co.
3520 Clinton Dr.
FA 3-9844
545. Denison Engineering Div.
3315 W. 12th St. (24)
UN 9-3778
546. Dix Co., The
3215 Mercer St. (27)
P. O. Box 22194
JA 2-0047
547. DoAll Texas Co.
5512 Gulf Freeway (23)
WA 8-3486
548. Doan, Ray
2254 Goldsmith Rd. (25)
JA 8-6879
549. Dolan Industrial Sales
5506 Lawndale Ave. (23)
WA 3-7648
550. Doplis, I. G.
2414 W. Holcombe
MA 3-0061
551. Dorsey Gage Co., Inc.
552. Dow Chemical Co., The
6910 Fannin St. (25)
553. Draper Co., G. H.
4203 LaBranch (5)
JA 4-8543
554. Dunn, Jr., Harry M.
8525 Merlin Dr. (24)
P. O. Box 19111
HO 5-5722
555. Durrett & Co.
P. O. Box 4066 (3)
556. Dye Welding Supply Co.
4515 Fannin St. (4)
557. Eads Co., The
1210 Dunlavy St.
P. O. Box 13071
JA 8-0607
558. Ebrecht, W. E.
6319 Overdale
MI 8-2390
559. Eggelhof Engineers, Inc.
1912 Huston St.
P. O. Box 1743
CA 8-6471
560. Egner Brothers
3010 Smith St.
561. Eldridge Sales Co., L. C.
5717 Kirby Dr.
JA 3-4565
562. Elliott Co., Lynn
372 M & M Bldg. (2)
CA 4-9715
563. Emerson Co., A. A.
2430 Shakespeare Rd. (25)
JA 2-6215
564. Engineering Sales Co.
5949 Armour Dr. (1)
WA 8-8858
565. Engineering Test Services, Inc.
4101 San Jacinto
JA 4-8381
566. Esch & Associates, Inc.
108 Portwood (11)
P. O. Box 9361
WA 8-3337
567. Evans Engineering Co., F. J.
3220 Louisiana (6)
JA 6-2326
568. Evco Distributing Co.
1735 Westheimer
JA 8-7219
569. Exact Weight Scale Co., The
1903 S. Shephard Dr. (19)
JA 2-1334
570. Fafnir Bearing Co., The
1607 Jefferson Ave. (2)
FA 3-3469
571. Falling Co., George E.
3611 Gulf Freeway
572. Fairbanks, Morse & Co.
5521 Navigation Blvd. (11)
WA 3-9441
573. Farrel-Birmingham Co., Inc.
860-A M & M Bldg. (3)
CA 2-6422
574. Finch, Douglas R.
8601 Westview Dr. (24)
HO 5-6617
575. Firth Sterling, Inc.
829 S. 75th St.
WA 1-2137
576. Fix Co., George J.
2702 Polk Ave.
CA 5-6648
577. Galvin Sales Co.
1607 Jefferson Ave. (2)
CA 4-2981
578. Gardner-Denver Co.
2201 Polk Ave.
CA 7-9295
579. Garlock Packing Co., The
2409 Sabine St. (10)
FA 3-6368
580. Gay Sales Co., The
420 Sul Ross
581. General Electric Co.
4219 Richmond Ave. (27)
MO 7-3301
582. Gilliam Co., The
7923 Pecan Villas Dr.
OL 4-6232
583. Gisholt Machine Co.
4101 San Jacinto (4)
JA 3-4724
584. Glidden Engineering & Equipment
3802 Winchester St. (3)
CA 4-6471
585. Gribble Stamp & Stencil Co.
P. O. Box 4068 (14)
586. Griggs Co., Mark K.
2801 San Jacinto Ave. (4)
CA 8-8645-46
587. Gulf Oil Corp.
712 Main St. (1)
P. O. Box 2140
CA 5-3141
588. Gulf Supply Co.
P. O. Box 693
589. Hainge Co.
3323 Mercer St. (27)
JA 9-2573
590. Harter Machinery Co., C. J.
3838 Navigation Blvd. (1)
CA 7-7221
591. Hartwell & Co.
3322 W. Lamar (19)
JA 9-8600
592. Haynes Stellite Co.
3839 W. Alabama St. (27)
MO 7-5641
593. Heltmann Co., F. W.
Kressat Old Clinton
P. O. Box 15273 (20)
594. Helicoid Gage Div.
630 McFarland St. (1)
595. Heppenstall Co.
3516 Mt. Vernon (6)
JA 2-1040
596. Holders Equipment Co.
1715 Polk Ave. (3)
CA 5-5321
597. Hollis & Co.
1815 Franklin Ave. (1)
CA 4-6978
598. Horman, T. A.
P. O. Box 22241
HO 8-3183
599. Houghton & Co., E. F.
701 N. San Jacinto St. (2)
FA 3-2670
600. Houston Belting & Supply Co.
1717 Walker St.
601. Houston Oil Field Material Co.
1524 Maury St.
602. Hudgins & Associates, Inc., T. F.
3202 Mercer St. (6)
JA 9-4165
603. Hugs & Son, Inc., August F.
1712 Austin St. (3)
CH 6734
604. Huster Machine Tool Co.
3560 W. Twelfth St.
P. O. Box 7072
UN 4-0018
605. Hydraquip Corp.
6645 Navigation Blvd. (3)
WA 6-8301
606. I-T-E Circuit Breaker
2525 San Jacinto St. (3)
CA 8-2378
607. Industrial Diamond Products
1554 Subarnett St. (18)
OX 2-2264
608. Industrial Equipment Co. of Houston
6831 Navigation Blvd. (11)
P. O. Box 9155
WA 8-5431-2-3-4
609. Industrial Handling Engineers
1200 Bissonnet St. (5)
JA 6-3506
610. Industrial Models, Inc.
P. O. Box 8314 (4)
611. Industrial Sales & Engineering Co.
1020 Campbell Rd.
HO 5-3884
612. Industrial Welding Equipment Co.
3815 Gulf Freeway (12)
613. Ingersoll-Rand Co.
4211 Richmond Ave. (27)
MO 7-8341
614. Inland Steel Co.
1300 Main St.
CA 5-3264
615. Ipsen Industries, Inc.
2801 San Jacinto
CA 8-8645
616. Isaacson & Associates, L.
1620 Dallas St. (3)
CA 7-0237
617. Isaacson Chain & Belting Co.
1200 Jackson St. (3)
PR 0237
618. James, Robert O.
12202 Mossycup Dr. (24)
HO 8-7541
619. Jessop Steel Co.
4010 Bluebonnet St.
MO 5-3457
620. Johnson Bronze Co.
1420 Dallas Ave. (3)
CA 2-6261
621. Johnson-Heyck, Inc.
430 West Bldg. (2)
CA 4-8954

TEXAS

622. Jones & Laughlin Steel Corp.
1113 Texas National Bank (2)
CA 2-0331
623. Key Industrial Supplies
6626 Flamingo Dr. (17)
MI 9-7064
624. King Co., Glenn W.
2411 Times Blvd. (5)
JA 8-5517
625. Knappe & Co., Harold O.
3011 San Jacinto St.
JA 6-2729
626. Kreiter Industrial Supply, Inc.
3219 Harrisburg Blvd. (3)
CA 2-0363
627. Kulper, Clare
2216 Walker St. (3)
CA 2-1279
628. Kumlir Co., The H. H.
9151 Wickford Dr. (24)
UN 4-8914
629. Larsen Co., Ronald A.
P. O. Box 20057 (25)
MA 3-1914
630. Lee-Kronzer Equipment Co.
1921 Westheimer (6)
JA 2-6655
631. Leeds & Northrup Co.
3939 Essex La. (27)
P. O. Box 22125
MO 7-7481
632. Lennon, James E.
2202 Nance St.
P. O. Box 303
ME 5-5943
633. Linde Co.
3839 W. Alabama (27)
MO 7-5641
634. Linehan, Richard B.
838 Judiway (18)
OX 7-8480
635. Lockett & Co., Ltd., A. M.
3484 W. 12th St. (1)
P. O. Box 1426
636. Logan, Jr., H. S.
2606 Werlein St. (5)
MA 3-9555
637. Luger, K. E.
2716 Danville St.
JA 8-3581
638. Lyttleton Packaging Machinery
2502 Dunlavy St.
639. MacFarland, R. J.
1607 Jefferson Ave. (3)
FA 2910
640. Machine Tool Equipment Co.
P. O. Box 22253 (27)
MO 5-5685
641. Machinery Sales & Engineering Co.
21 Nolan St.
CA 8-1711
642. Madden Equipment Corp.
5611 Clinton Dr.
P. O. Box 15007
643. Magnolia Welding Supply Co.
700 Houston Ave. (10)
644. Maintenance Engineering Corp.
3611 Clinton Dr. (1)
CA 7-3135
645. Marathon Electric Manufacturing Corp.
3302 Mercer (27)
P. O. Box 22011
JA 8-5301
646. Martin Hospital T. V. Rentals
1910 La Branch (2)
647. Mason and Co., L. A.
2416 Bolsover (5)
P. O. Box 6611
648. Materials Handling Equipment Corp.
7131 Navigation Blvd. (11)
WA 3-1639
649. Mayfield Co., John C.
198 Ingraham St. (20)
CA 7-7268
650. McJunkin Corp.
P. O. Box 14474 (21)
651. McMillan Equipment Co.
M & M Bldg. (2)
CA 5-0561
652. McNeil, Inc., C. W.
601 M & M Bldg. (2)
CA 8-8511-2
653. Mehl Machinery, Inc.
P. O. Box 18341
654. Metal Goods Corp.
711 Milby St. (21)
FA 3-0141
655. Metal & Thermit Corp.
701 N. San Jacinto St. (2)
CA 3-4000
656. Miller Electric Manufacturing Co., Inc.
5815 Clinton Dr.
WA 1-2134
657. Moncrief-Lenoir Manufacturing Co.
2103 Lyons Ave. (1)
658. Moore Products Co.
901 S. 75th St. (23)
WA 1-0292
659. Morse Chain Co.
1417 Clay St.
FA 3-5201
660. Myer, George
115 N. Drennan, Box 18014 (23)
CA 5-3586
661. National Steel Products Co.
750 Lockwood Dr. (1)
P. O. Box 2577
WA 8-5481
662. Nelson Stud Welding
5915 Clinton Dr.
WA 3-5511
663. Niland Equipment Co., Tom
664. Oakes Co., E. W.
Box 9102 (11)
665. O'Neill & Son, Haylett
P. O. Box 1166 (1)
JA 9-3879
666. Pangborn Corp.
201 Scanlan Bldg. (2)
CA 7-1663
667. Pan-Tech Engineering & Supply Co.
3230 Mercer (27)
JA 4-7371
668. Park, Earl M.
9714 Tappenbeck Dr. (24)
HO 3-3062
669. Paul-Conditt Co.
P. O. Box 20094 (25)
JA 2-1909
670. Peck Co., The Gordon V.
4007 Bellaire Blvd. (25)
MO 4-1435
671. Peden Iron & Steel Co.
700 N. San Jacinto (1)
CA 2-2121
672. Plowden Supply Co.
6300 Navigation Blvd.
WA 8-3311
673. Potter & Johnston Co.
1405 S. Post Oak Rd. (27)
MO 7-3964
674. Precision-Southwest Co.
6318 New York St. (17)
MI 5-2730
675. Precision Tool & Supply
2005 S. Wayside Dr. (23)
WA 3-9387
676. Preston Machine Tool Sales
5011 Navigation Blvd.
WA 8-3157
677. Rainey Co., The
P. O. Box 22186 (27)
JA 9-4789
678. Ray, R. S.
P. O. Box 20057
MA 3-1914
679. Reed Roller Bit Co.
6501 Navigation Blvd.
680. Reichhold Chemicals, Inc.
2301 Commerce St. (2)
CA 4-0921
681. Reliance Electric and Engineering Co.
3115 Buffalo Dr. (19)
JA 6-2255
682. Republic Steel Corp.
Niels Esperson Bldg. (2)
CA 2-0182
683. Republic Supply Co.
5606 Harvey Wilson Dr. (1)
P. O. Box 259
WA 3-2571
684. Revere Copper and Brass, Inc.
3101 Fannin St. (4)
685. Rex Supply Corp.
3715 Harrisburg Blvd.
CA 2-2251
686. Reynolds Metals Co.
6910 Fannin
JA 9-4805
687. Riekes & Sons, S.
2010 Canal St. (3)
CA 7-5134
688. Riley Co., J. C.
2419 South Blvd.
JA 4-1512
689. Rod Co., Inc., A. J.
5011 Navigation Blvd.
WA 3-4671
690. Rosenfelder Machinery Co.
8027 Brockton St. (17)
691. Ryan, H. C.
1213 Capitol Ave. (2)
CA 3-0557
692. Ryerson & Son, Inc., Joseph T.
Box 2606 (1)
WA 8-5181
693. Sandelius Co., T. D.
6112 St. Augustine St. (21)
694. Scanlon Co., P. J.
1704 Crawford (4)
P. O. Box 8084
695. Schroder, E. J.
6947 Linden
696. Selas Corp. of America
8312 Hempstead Rd. (7)
P. O. Box 7751
UN 4-7751
697. Selby-Horan Machine Tools
3003 Louisiana St. (6)
JA 3-3839
698. Shell Chemical Corp.
P. O. Box 2099 (1)
CA 2-1181
699. Silver, C. Eugene
2622 Riverside Dr. (4)
700. Sinclair-Brandt Equipment & Supply
6620 Dixie Dr. (21)
OL 4-2652
701. Sinclair Refining Co.
P. O. Box 2411 (1)
702. Skill Corp.
324 N. Hutcheson St. (3)
CA 4-9178
703. Smit & Sons, Inc., J. K.
2034 Forrest Hill Blvd. (23)
WA 8-5591
704. Snap-on Tools Corp.
1810 LaBranch St. (2)
CA 5-5404
705. Snyder Co., Inc.
2205 W. 11th St. (8)
UN 2-3114
706. South Chester Corp.
420 Esperson Bldg. (2)
FA 3-1153
707. Southwest Engineering Co.
711 Erin
708. Southwestern Controls
4716 Eli St. (19)
P. O. Box 13352
UN 2-8874
709. Southwestern Engineering and Equipment Co.
4101 San Jacinto St.
JA 8-7954
710. Southwestern Rubber & Packing
P. O. Box 5173
WA 3-2588
711. Specialty Manufacturing Co., Inc.
4408 Center St. (7)
VA 8816
712. Sperry Western, Inc.
1525A N. Post Oak Rd. (24)

SALES OFFICES

TEXAS

HOUSTON (Cont.)

- 713. Stacey, E. L.
2148 Dryden Rd. (25)
JA 3-6998
- 714. Stainless Processing Div.
5831 Armour Dr., Box 680
WA 8-5467
- 715. Stanco Co., The
5646 Navigation Blvd.
P. O. Box 18261
- 716. Standard Brass & Manufacturing Co.
2016 Franklin Ave. (2)
CA 5-6531
- 717. Steel & Machine Tool Service Co.
6416 Navigation Blvd. (1)
WA 1-7113
- 718. Sterling Electric Motors, Inc.
3011 San Jacinto St. (4)
JA 2-0864
- 719. Stewart & Stevenson Distributing Co.
1719 Preston Ave.
P. O. Box 1637
CA 5-5341
- 720. Stone, Horace J.
204 Marshall St. (6)
JA 9-5582
- 721. Sufo Sales
7308 Avenue "E" (11)
WA 1-4084
- 722. Sun Oil Co.
533 Mellie Esperson Bldg.
CA 7-3317
- 723. Syntrol Houston Sales Co.
1903 S. Shepherd Dr. (19)
JA 2-2577
- 724. Texas Co., The
720 San Jacinto St. (2)
FA 3-2141
- 725. Texas Belting & Mill Supply Co.
6600 Harrisburg Blvd. (1)
- 726. Texas Solvents and Chemicals Co.
8501 Market St. (29)
OR 2-6683
- 727. Thompson Co., The H. L.
1002 Esperson Bldg. (2)
- 728. Thompson-Hayward Chemicals Co.
1701 Oliver St. (13)
P. O. Box 4557
CA 4-2608
- 729. Thomson Manufacturing Co.,
Judson L.
6906 Merriwood La. (9)
- 730. Thor Power Tool Co.
3503 Lawndale Ave. (23)
WA 8-3229
- 730A. Timken Roller Bearing Co., The
2472 Bolsover Rd., Rm. #247 (5)
- 731. Tools, Inc.
4109 Fulton St. (22)
MY 3233
- 732. Triplex Rubber & Supply Co.
5819 Armour Dr.
WA 6-4481
- 733. Tri-Tex Machine & Tool Co.
903 S. 75th (23)
WA 6-9643
- 734. United States Electrical Motors, Inc.
2314 S. Main St. (2)
JA 8-5477
- 735. Van Dresser & Hawkins
5817 Clinton Dr.
- 736. Van Horn Co., Oliver H.
Franklin and Austin Sts.
CA 4-6531
- 737. Van Tassel & Son
P. O. Box 732 (1)
JA 4-3983
- 738. Vickers, Inc.
5717 Kirby Dr. (5)
JA 2-9623
- 739. Vogel, Robert F.
4507 Silverwood Dr. (35)
JA 8-0601
- 740. Wall Colmonoy Corp.
5831 Armour Dr., Box 680
WA 8-5467

- 741. Wallace Co.
6945 Clinton Dr. (1)
Box 2597
WA 3-2831
- 742. Ward Co., L. R.
3605 Polk Ave. (3)
CA 5-0356
- 743. Warner & Swasey Co., The
4139 Dennis St. (4)
CA 8-3580
- 744. Welders Supply Co.
3401 Polk St.
- 745. Welu, Frank
1717 Chenevert St.
- 746. Wendler Co.
257 M & M Bldg. (2)
CA 4-2290
- 747. Wessendorff, Nelms & Co., Inc.
5535 Harvey Wilson Dr.
WA 8-5151
- 748. Western Gear Corp. of Texas
117 N. Palmer St.
CA 8-4466
- 749. Westinghouse Air Brake Co.
5206 Lido La. (18)
OV 2-3454
- 750. Wilson Co., C. G.
204 Marshall
P. O. Box 6235
JA 9-5562
- 751. Wilson-Toler and Co.
4101 San Jacinto
KE 4169
- 752. Wheelabrator Corp.
708 Garden Oaks Blvd. (18)
P. O. Box 10196
ME 5-0801
- 753. White & Co.
1203 Prudential Bldg. (25)
JA 3-5581
- 754. Whiting Corp.
2480 Times Blvd. (5)
JA 9-5378
- 755. Willey, Harley M.
713 Country La.
HO 5-6915
- 756. Womack Machine Supply Co.
4111 Dennis (4)
CA 7-3388
- 757. Wright Hoist Div.
630 McFarland St. (1)
P. O. Box 1419
WA 3-2661-66
- 758. Wright Industrial Products
P. O. Box 8121
- 759. Wright, Loy
4610 Devon
MA 0991
- 760. Yarberry's
1710 Rusk Ave. (3)
CA 4-6936
- 761. Young Co., Frank R.
P. O. Box 18127
WA 3-6697

IRVING

- 762. Jones, Frank P.
1531 W. Seventh St.
BL 3-0600
- 763. Kinnan, Carl G.
1111 Horseshoe Bend

LA FERIA

- 764. Kennedy Industrial Tools & Supplies,
Inc., Ed R.
13 Orange Grove Rd.
Phone: 3131

LEACUE CITY

- 765. Vascoloy-Ramet Corp.
P. O. Box 739
WA 3-2831

LIBERTY

- 766. Buchanan Auto Parts

LONE STAR

- 767. Lone Star Steel Co.

LONGVIEW

- 768. Big Three Welding Supply Co.
1107 Gladewater Rd.
PL 8-8296
- 769. Cottingham Bearing Co.
1202 Gladewater Rd.
PL 8-8218
- 770. Crane Packing Co.
222 Cambridge St.
PL 3-1292
- 771. Eastex Welding Supply Co.
1232 Gladewater Rd.
- 772. Heritage Tool & Supply Co.
1204 Gladewater Rd.
CA 2-2121
- 773. Industrial Power & Supply
1226 Gladewater Rd.
P. O. Box 1548
- 774. Machinery Supply & Grinding Co.
812 E. Methvin St.
PL 3-3171
- 775. Fearless Supply Co.
1204 Gladewater Rd.
PL 3-3336
- 776. Tool Supply & Engineering Co.
P. O. Box 655
PL 9-4132

LUBBOCK

- 777. Anthony, J. F.
3503 Ave. "Q"
- 778. Associated Supply Co.
2402 Ave. "H"
- 779. Austin Co., Mac
Texas Ave. and 17th St.
PO 3-7349
- 780. Bigham Gin Supply Co.
502 Ave. "L"
P. O. Box 1438
PO 2-1553
- 781. Big Three Welding Equipment Co.
2406 Erskine Rd.
- 782. Blackwell, J. E.
2715 56th St.
SH 4-1294
- 783. Eggelhof Engineers, Inc.
18th and Ave. "K"
PO 2-4330
- 784. Galbraith Steel & Supply Co.
- 785. General Electric Co.
3302 Ave. "A"
SH 4-4563
- 786. Harlan Engineering Co.
P. O. Box 151
Phone: 2-1302
- 787. Houston Co., The
3714 43rd St.
SW 9-4251
- 788. Industrial Supply Specialists
18-6 Ave. "C"
- 789. Lubbock Engineering Co.
1638 Main St.
PO 3-4356
- 790. Moke, W. R.
3606 42nd
SW 9-0930
- 791. Moncrief-Lenoir Manufacturing
Co.
P. O. Box 288
- 792. Plains Machinery Co.
N. College Ave. at Plainview
PO 3-3467
- 793. Snap-on Tools Corp.
1914 Fourth St.
PO 2-0113
- 794. Thompson-Hayward Chemicals Co.
P. O. Box 323
PO 3-2831
- 795. Tool Supply & Engineering Co.
P. O. Box 342
SW 9-3535
- 796. United States Electrical Motors, Inc.
504 N. Amarillo Hwy.
P. O. Box 962
PO 3-7651
- 797. Welders Supply of Lubbock, Inc.
2807 Ave. "H"
- 798. Western Materials Handling, Inc.
1610 Fourth St.
P. O. Box 5576

SALES OFFICES

TEXAS

LUFKIN

799. Lufkin Foundry & Machine Co.
P. O. Box 58
Phone: 36

MARSHALL

800. Hayes Machinery Co., E. B.
208-212 E. Austin St.
P. O. Box 1066
WE 5-6661

McALLEN

801. Hassell Supply Co.

MIDLAND

802. Airborne Instruments Laboratories
4017 Roosevelt Blvd.
OX 4-2121
803. Crane Packing Co.
707 Austin
OX 4-2687
804. Gardner-Denver Co.
Room 306, Central Bldg.
MU 2-3080
805. Jones & Laughlin Steel Corp.
108 Allen Bldg.
MU 3-2532
806. Nelson, Ralph
3212 W. Louisiana
P. O. Box 4185
MU 2-3745
307. Permian Reproduction Co.
321 N. Colorado St.
Phone: 2-4591

MINDEN

808. Deason, A. J. & E. E.
P. O. Box 70

NEW BRAUNFELS

809. Albright, E. J.
P. O. Box 50
MA 5-2704

ODESSA

810. Big Three Welding Equipment Co.
1906 W. Second St.
811. Chain Belt Co.
400 W. Fourth
FE 7-8461
812. Electric Service & Supply Distributors
1601 N. Grant St.
P. O. Box 1471
813. El Paso Welding Supply
2001 W. Murphy St.
P. O. Box 1272
814. Engine Service & Supply Co.
1902 N. Grant
FE 7-2386
815. Lietz Equipment Co.
421 S. Grandview Rd.
FE 7-3581
816. Odex Engineering & Equipment Co.
1410 N. Grant
P. O. Box 1586
Phone: 7-3568
817. Plains Machinery Co.
3001 Kermit Hwy.
FE 2-5756
818. Snyder Co.
700 W. County Rd.
P. O. Box 1586
819. Vance Supply Co.
115 E. First St.

ORANGE

820. Big Three Welding Equipment
Box 1788
821. Sabine Supply Co.
412 W. Front St.
TU 3-5621

PLAINVIEW

822. Plains Welding Supply
401 E. Sixth St.

PORT ARTHUR

823. Big Three Welding Equipment
420 Houston Ave.
824. Smith, J. W.
2225 Fifth Ave.
825. Standard Brass & Manufacturing Co.
Fourth and K C S Tracks
YU 3-8377

RICHARDSEN

826. Allen, Jr., Francis E.
711 Downing Dr. (5)
Richardson Hgts.
AD 5-6376
827. Aro Equipment Corp.
P. O. Box 634
AD 5-5068
828. Hoar, James
800 Ridgedale Dr.
AD 5-4454

SAN ANGELO

829. Galbraith Steel & Supply Co.
P. O. 591

SAN ANTONIO

830. Ace Brake Service
901 N. Alamo St. (2)
831. Ace Supply Co.
1111 Austin St. (8)
CA 3-4258
832. Acetylene Welding Supply
301 S. Presa
CA 4-5583
833. Alamo Iron Works
(8)
834. Alamo Welding Supply Co.
541 S. St. Mary's St.
835. Alemite Co.
321 S. Flores St. (6)
836. Allis Chalmers Manufacturing Co.
902 First National Bank Bldg. (5)
CA 7-7023
837. Big Three Welding Equipment
1547 W. Poplar St.
838. Brannen's, Inc.
1910 San Pedro
P. O. Box 8025, Laurel Hgts. Sta.
PE 6-1625
839. Carrier Corp.
4600 Broadway (5)
TA 6-6613
840. Eggelhof Engineers, Inc.
1502 N. Main Ave. (1)
CA 6-5506
841. Estes Conveyor Co., Joe M.
1601 S. Flores
CA 3-2211
842. Gates Saw & Tool Works
640 S. Presa St.
Phone: K-5913
843. General Electric Co.
434 Main Ave. (5)
CA 6-8349
844. Givens, R. H.
206 Oak Glen Dr.
TA 2-1054
845. Grieder Industrial Products
717 S. Alamo St. (5)
CA 7-3361
846. Langhammer-Rummel Co.
P. O. Box 367 (6)
CA 6-6291
847. Holland Co., R. H.
310 S. St. Mary's St. (5)
CA 4-5593
848. Huster Machine Tool Co.
849. Martindale, G. D.
840 Elizabeth Rd. (9)
850. McLernon-Scott Associates
209 Hubbard Ave.
851. Metal Goods Corp.
305 Kallison Bldg. (5)
CA 7-3161
852. Midcap Bearing Service
603 N. Main Ave. (5)
CA 7-1301

853. Moncrief-Lenoir Manufacturing Co.
701 San Fernando (7)
854. Penny, J. I.
P. O. Box 751
LE 3-1096
855. Power Tools & Equipment Co.
411 San Pedro Ave. (12)
856. Reynolds Metals Co.
1310 S. Brazos St.
857. Riekes & Sons, S.
136 Ellis Bean St. (4)
CA 7-6126
858. San Antonio Machinery & Supply Co.
326-7 N. Centre St. (6)
P. O. Box 660
CA 5-1651
859. Schmidt, Gus
2911 E. Houston St.
860. Sinclair Refining Co.
P. O. Box 4187, Sta. A (7)
861. Snap-on Tools Corp.
812 Broadway (5)
CA 2-2112
862. Stone Machinery Co.
139 Bliss Blvd.
863. Stone Machinery Co., M. C.
311 Harmon Dr.
TA 4-1692
864. Swing Machinery & Equipment Co.
110 Pendleton Ave.
CA 7-2853
865. Texas Mill Supply Co.
1047 John Page Dr. (1)
FE 5-0638
866. Thompson-Hayward Chemicals Co.
222 Sequin St. (8)
P. O. Box 126, Grayson St. Station
CA 6-7377
867. Wilson Electrical Equipment Co.
101 E. Maple St.
CA 4-2344

SHERMAN

868. Hardwicke-Etter Co.
P. O. Box 607

SOUTH HOUSTON

869. Manning, Maxwell & Moore, Ind.
8401 Mosley Rd.

TEXARKANA

870. Texarkana Bearing Supply, Inc.
1206 Lake Dr.
Phone: 32-8284

TYLER

871. Amatan Supply Div.
1516 W. Erwin St.
Phone: 4-9368
872. Colson Corp., The
2904 W. Bow St.
LY 2-8348
873. East Texas Oxygen Co.
Gladewater Hwy.
874. Mason Machinery Co.
1511 W. Erwin
LY 2-0911—LY 2-5282
875. Tyler Machinery and Supply Co., Inc.
511 E. Front St.
P. O. Drawer 1309
Phone: 4-6384

WACO

876. Central Texas Iron Works
21st and Webster Sts.
P. O. Box 949
Phone: 6-2121
877. Diversey Corp., The
P. O. Box 295
PA 3-6281
878. DuPuy Oxygen & Supply Co.
1429 Webster
879. San Antonio Machine & Supply Co.
P. O. Box 148
PL 3-7361

SALES OFFICES

TEXAS

WICHITA FALLS

- 880. Bailey-Meisner Co.
P. O. Drawer 2449
- 881. Haynes Welding Supply
105 Indiana
- 882. Hornsby Heavy Hardware Co.
615 Ohio Ave.
Phone: 322-8697
- 883. Nortex Engine & Equipment
P. O. Box 355
- 884. Wichita Supply Co.
1105 Scott St.

UTAH

HELPER

- 1. Carbon Transfer & Supply Co.
8 W. Ivy St.
P. O. Box 180
Phone: 172

OGDEN

- 2. Aviation Industrial Supply Co.
2881 S. 1109 West
P. O. Box 310
EX 3-5301
- 3. Aviation Service Supply Co.
304 Goddard St.
Phone: 3-8475
- 4. Goddard Co., Geo. W.
2424 Wall Ave.
EX 2-7546
- 5. Horsley Co., The
P. O. Box 301
2416 Grant Ave.
EX 3-8477
- 6. Roskelley, M. L.
666 E. 2900 North
Phone: 2-7388

OREM

- 7. Miller Ski Co.

SALT LAKE CITY

- 8. Airborne Instruments Lab.
165 S. First, West (1)
EM 3-5013
- 9. Alemite Co.
1005 S. Fourth St., West (4)
- 10. Allied Industrial & Metal Sales
P. O. Box 141 (15)
S. Salt Lake Branch
IN 6-9743
- 11. Allied Northwest Machine Tool Corp.
212 Beason Bldg.
EL 5-3092
- 12. Allis Chalmers Mfg. Co.
136 S. Main St. (1)
EM 3-1723
- 13. Anderson, Ralph C.
1430 Cheyenne St.
IN 6-4507
- 14. Archer Tractor & Machinery Co.
1118 S. Main St.
EM 3-3821
- 15. Arnold Machinery Co., Inc.
433 W. Second, South (1)
P. O. Box 2220
DA 2-5631
- 16. Bearing Engineering & Sales Co.
P. O. Box 1885
EM 4-1877
- 17. Bearing Service & Supply
1207 S. Main St.
- 18. Bellows Co., The
559 S. Third, West
EM 4-8417
- 19. Bowen Co., Inc., R. G.
2022 S. Main St.
IN 6-6603
- 20. Braun-Knecht-Heimann Co.
650 W. Eighth, South
P. O. Box 836
- 21. Brown Co., R. H.
2625 S. 19th St., East
HU 5-2986
- 22. Burke Co., James J.
422 W. Ninth, South (4)
EM 3-1061
- 23. Butcher Co., The L. H.
407 W. 17th South St. (4)
HU 4-6221
- 24. C. F. L. Co.
955 Folsom Ave.
EM 3-1722
- 25. Campbell-Eisey & Co.
P. O. Box 66, Foothill Sta.
1926 Sheridan Rd. (8)
HU 4-8879
- 26. Capitol City Steel Co.
324 W. Eighth St., South
DA 2-3533
- 27. Carrier Corp.
2520 S. State St. (15)
HU 4-9231
- 28. Certified Blueprint & Supply Co.
205-207 S. State St. (1)
EM 4-1821
- 29. Chain Belt Co.
10 Exchange Pl.
EL 9-6679
- 30. Chicago Pneumatic Tool Co.
156 W. Fourth South (1)
EL 5-2985
- 31. Clark Controller Co., The
550 W. Seventh South St. (4)
EL 5-5378
- 32. Commercial Shearing & Stamping Co.
P. O. Box 2036 (10)
- 33. Conely, Fred M.
853 Bryan Ave. (5)
HU 4-8580
- 34. Control Equipment Co.
323 W. 14th St., South
HU 7-7741
- 35. Crowley & Co., J. C.
955 Folsom Ave. (4)
DA 2-2041
- 36. Crucible Steel Co.
753 W. Eighth St., South
P. O. Box 1694
EM 4-4385
- 37. Darley, Byron J.
3695 Lois La.
CR 7-0375
- 38. Electrical Sales Co.
818 E. 21st St., South
P. O. Box 49, Sugarhouse Sta.
HU 5-0531
- 39. Equipment Supply Co.
16 Post Office Pl.
EM 3-9074
- 40. Fairbanks, Morse & Co.
153 W. Second South St. (1)
EM 3-2106
- 41. Flinco, Inc.
276 W. First South (1)
EM 4-1833
- 42. Foulger Equipment Co.
1361 S. Second West
P. O. Box 87
- 43. Galgher Co., The
545 W. Eighth South St. (10)
P. O. Box 209
EL 9-8721
- 44. Gardner-Denver Co.
1113 W. Second South St.
DA 8-0538
- 45. General Electric Co.
200 S. Main St. (10)
EM 4-1891
- 46. Goodall Rubber Co.
631 S. Second St., West
EL 5-7437
- 47. Grisley Machine Tools, J. M.
334 W. 17th South
HU 5-0293
- 48. Hilbert Tool & Machine Co.
25 Kensington Ave. (15)
- 49. Holland Co., J. T.
204 W. 21st St.
- 50. Horton, J. W.
1376 Perry Ave.

- 51. Hughson & Merton
509 Beason Bldg. (1)
EM 3-5456
- 52. Industrial Supply Co., Inc.
131 Social Hall Ave. (10)
EM 3-6727
- 53. Ingersoll-Rand Co.
144 S. W. Temple St. (1)
DA 8-8127
- 54. Ives Co., Richard
770 S. Second West
EM 3-3992
- 55. Jones Co., J. Henry
120 Apricot Ave. (16)
P. O. Box 1795
EL 5-4191
- 56. Landes, Zachary & Peterson Co.
2501 S. State
HU 7-7873
- 57. Lang Co., The
P. O. Box 479
267 W. First South (10)
DA 8-8341
- 58. Leavitt Co., James Q.
502 S. 12th St., East
EL 9-5069
- 59. Leeds & Northrup Co.
455 E. Fourth South (11)
DA 8-8861
- 60. Linde Co.
436 W. Ninth South St. (1)
EL 5-2979
- 61. Love Co., The
47 E. Seventh South
- 62. Machinery Center, Inc.
1201 S. Sixth West
HU 4-7601
- 63. Mason Machine Tool Co.
415 S. Second East
Phone: 4-0189
- 64. Miller & Associates, M. H.
1707 S. 15th East
UL 7-2703
- 65. Mine & Smelter Supply Co., The
P. O. Box 1348
121 W. Second South
EM 3-2791
- 66. Morrison, John W.
867 Foothill Dr.
- 67. N.A.P.A. Salt Lake City Warehouse
28 S. W. Temple St.
- 68. Nabsaum Co., Sherman C.
4777 S. 1300 East (17)
Phone: 87-0459
- 69. National Equipment Co.
101 W. Second St.
EM 3-8878
- 70. Pace-Turpin & Co.
726 S. Third West (1)
- 71. Pacific Metals Co., Ltd.
261 W. Fifth South (1)
DA 2-3461
- 72. Pembroke's
24 E. Broadway
EM 4-8434
- 73. Pipe Machinery Co.
770 S. Second West
EL 5-9033
- 74. Production Tools, Inc.
559 S. Third West
EM 4-8417
- 75. Rains Co., The
1053 S. Second, West (1)
EM 4-3683
- 76. Rees & Co., R. B.
2906 Delsa Dr. (17)
- 77. Remington Arms Co., Inc.
909 Walker Bank Bldg. (11)
EL 5-8686
- 78. Reynolds Metals Co.
107 W. Temple St.
EL 5-4236
- 79. Reynolds Co., J. W.
1481 S. Main (15)
HU 4-1133
- 80. Riter Engineering Co.
1369 Major St. (10)
P. O. Box 2187
IN 7-9449
- 81. Rowley and Co., J. C.
955 Folsom Ave. (4)
DA 2-2042

SALES OFFICES

82. Rueger Co., The
68 S. Main St.
83. Sales Engineering Co., Inc.
326 W. Eighth South St. (1)
EL 5-1162
84. Salt Lake Hardware Co., The
105 N. Third West (10)
P. O. Box 510
DA 8-8211
85. Salt Lake Stamp Co.
43 W. Third South
86. Silver Co., Clarence W.
550 W. Seventh St., South (4)
Phone: 5-5378
87. Sinclair Refining Co.
2360 S. W. Temple
88. Sluener, L. M.
316 Dooly Bldg. (1)
EL 5-2322
89. Snap-on Tools Corp.
1721 S. Main St. (15)
HU 4-5854
90. Snedden, J. K.
263 Virginia St. (3)
91. Specialty Sales Co.
117 W. Second South St. (1)
DA 2-5553
92. Spencer and Co., C. H.
210 W. 3300 South
P. O. Box 1054
IN 6-8683
93. Standard Oil Co. of Calif.
164 S. W. Temple
DA 2-5831
94. Stanley, C. T.
1445 Murphy La.
95. Sterling Electric Motors, Inc.
1481 S. Main St. (15)
HU 4-1133
96. Steam Engineers, Inc.
1359 S. Main St.
HU 5-0364
97. Stevens Sales Co.
1482 Major St. (10)
IN 7-5489
98. Syntrol Salt Lake City Sales Co.
713 Kensington Ave. (5)
P. O. Box 2392
HU 5-1231
99. Taylor & Sons, Robert
1077 S. Main St. (10)
P. O. Box 1223
DA 2-5525
100. Todd Machinery Co.
140 W. Second St., South (1)
DA 2-4662
101. U. S. Electrical Motors, Inc.
Room 212, Beason Bldg. (11)
KM 4-6219
102. Utah Bearing Co.
626 S. W. Temple
103. Utah Foundry Supply Co.
529 W. Sixth St., South
104. Wasatch Chemical Co.
2225 S. Fifth, East (5)
105. Waterworks Equipment Co.
P. O. Box 236
502 W. Third South (10)
DA 8-8351
106. Western Machinery Co.
2300 S. Main St. (10)
IN 6-8668
107. Western Sales Service
P. O. Box 815
407 Phillips Petroleum Bldg.
Phone: 4-3643
108. Whitmore Oxygen Co.
430 E. S. Temple St.
Phone: 3-4421
109. Williams, Gritton & Wilde
204 Dooly Bldg. (1)
KM 4-6421
110. Worthington Corp.
118 Social Hall Ave. (11)

VERMONT

BARRE

1. Reynolds & Son

BURLINGTON

2. National Electric Supply Co.
35 S. Champlain St.
UN 2-5550
3. Strong Hardware Co.
205 Main St.
4. Vermont Hardware Co.

MANCHESTER

5. Lee, Robert T.
MA 0293

PROCTOR

6. Vermarco Supply Co.

PROCTORSVILLE

7. Browne, J. W.
P. O. Box 55
Ludlow, VT 6-3141

RUTLAND

8. Esso Standard Oil Co.
102 Meadows St.
9. General Electric Co.
38 1/2 Center St.
PR 3-3348
10. Vermont Machinery & Supply Co.
198 State St.
PR 5-5103

ST. JOHNSBURY

11. Miller & Son Co., Chas.
12. Reed Supply Co.
PI 8-3541

SPRINGFIELD

13. Aiken, J. Kenneth
17 Leonard Ave.
TU 5-3049
14. Beardsley, Jr., R. O.
4 River St.
TU 5-3194
15. Crafts Co., Inc., Arthur A.
1 Main St.
TU 5-4491
16. Jones & Lamson Machinery Co.
17. Laffin Supply Corp.
TU 5-4521
18. Plimpton Tool Co.
143 Union St.
TU 5-3564

WATERBURY

19. Cooley-Wright Mfg. Co.
Foundry St.

WHITE RIVER JUNCTION

20. Vermont Hardware Co., Inc.
180 Flynn Ave.

WINDSOR

21. Cummings, Herbert L.
8 Lowell St.

VIRGINIA

ALEXANDRIA

1. American Engineering Equipment Co.
P. O. Box 186
TE 6-1718
2. Potter & Brumfield, Inc.
1025 N. Royal
TE 6-8666
3. Potomac Steel & Supply, Inc.
2416 Oakville St.
4. Specialties, Inc.
P. O. Box 2062
1496 Leslie Ave.
KI 8-4935
5. Universal Equipment, Inc.
2420 Oakville St.
KI 8-9100

VIRGINIA

ALTAVISTA

6. Carr, M. O.
P. O. Box 126
FO 9-4627

ARLINGTON

7. Brush Instruments
561 23rd St., South (2)
OT 4-5912
8. Czerwonky, Hugo E.
4848 Little Falls Rd.
KE 8-7035
9. Orban Co., Inc., Kurt
955 N. Monroe St.
JA 5-2255
10. Rucker Electronics Products
1213 Wilson Blvd.
JA 5-2100

ASHLAND

11. Britton, William V.
131 Hanover Ave.
SW 8-7302

BASSETT

12. Blue Ridge Hardware & Supply Co.
P. O. Box 547
NA 9-2551

BLACKSBURG

13. Cowan, James
P. O. Box 461
PR 2-8603

BRISTOL

14. Mitchell-Powers Hardware Co.
34-26 Moore St.

CHARLESTON

15. Baldwin Supply Co.
207 Virginia St., West (26)
DI 6-9661
16. Bolden Co., Inc., Wm. S.
McCorkle Ave. (29)
17. Jeffers & Moore, Inc.
P. O. Box 4398 (4)
WA 5-2194

CHARLOTTESVILLE

18. Haight Engineering Co.
McCue Bldg., P. O. Box 280
215 Fifth St., Northwest
Phone: 2-8914

FRONT ROYAL

19. McGraw, Inc., James

HOLLINS

20. Home Supply Co.
Lee Hwy.

IRVINGTON

21. Devine, Jesse U.
Box 141
ID 8-2694

LYNCHBURG

22. Ferebee Co., J. C.
1620 Wythe Rd.
P. O. Box 1138
Phone: 3-0111
23. Ferebee-Johnson Co.
Concord Rd. Lower Basin
24. Handy Co., N. B.
Box 737
VI 7-4495
25. Richardson & Son, S. T.
P. O. Box 712
Phone: 2-8757

SALES OFFICES

VIRGINIA

MARTINSVILLE

26. Brooks Machinery Co.
P. O. Box 2261, Dupont Rd.
ME 2-3234

NEWPORT NEWS

27. General Electric Co.
P. O. Box 1638
LY 6-6333
28. Noland Co., Inc.
P. O. Box 874
2600 Virginia Ave.
VI 7-1214

NORFOLK

29. A & D Supply Co.
612 Colonial Ave. (7)
MA 2-8848
30. American Steel Equipment Co.
254 Tazewell St. (10)
31. Corr, William E.
816 Gates Ave.
32. Curtis Marine Co.
614 Front St. (10)
33. Empire Machinery & Supply Corp.
409 E. Water St. (1)
MA 2-3683
34. Esso Standard Oil Co.
8201 Hampton Blvd. (5)
35. Hampton Rds. Welder Supply Co., Inc.
21st and Woodrow Ave. (10)
36. Hudgins & Son, Inc., R. W.
1-3 Commerce St. (10)
MA 2-1801
37. Industrial Bearing Co. of Virginia
P. O. Box 1036
139 E. Olney Rd. (10)
MA 5-0506
38. Ingersoll-Rand Co.
1819 Citadel Rd.
UL 3-8135
39. King Saw & Equipment Co., Inc.
22nd St. at Colley Ave.
40. Mill Supplies Corp.
P. O. Box 5145
62 Commercial Pl. (10)
MA 2-7008
41. Noland Co., Inc., The
24th and Church Sts.
MA 2-6541
42. Norfolk Welders Supply, Inc.
2515 Colley Ave.
43. Norport Supply Co.
25 Roanoke Dock
MA 2-5060
44. Parker, James
701 Front St. (8)
MA 7-8664
45. Paxton Co.
1019 Main St. (10)
MA 2-1606
46. Peltz Bros.
260 W. Water St.
47. Reliance Equipment & Supply Co.
107 E. 31st St.
- 47A Simpson & Son, G. Gray
790 Front St.
- 47B Sun Oil Co.
150 S. Main St.
48. Taylor-Parker Co., Inc.
Water St. and Commercial Pl.
MA 5-1631
49. Texas Co., The
3309 E. Princess Anne Rd. (2)
UL 3-7651
50. Tidewater Supply Co., Inc.
501-535 W. 24th St. (1)
P. O. Box 839
MA 2-7311
51. Thurston & Sons, Inc., C. E.
P. O. Box 2411
52. Walke Co., The Henry
P. O. Box 1041
912 W. 21st St. (1)
MA 5-3271

53. West Industrial Equipment, Inc.
S. Military Hwy.
P. O. Box 4053, Broad Creek Sta.

NORTON

54. Norton Hardware Co.
415 Park Ave.

PETERSBURG

55. Rose, T. Foster
P. O. Box 1526

POSTSMOUTH

56. Grimsley & Grimsley
523 High St.
EX 3-7531

RADFORD

57. Industrial Sales, Inc.
P. O. Box 532
Phone: 3100

RICHMOND

58. Airborne Instruments Lab.
13 E. Franklin St. (19)
MI 9-1909
59. Allied Scientific Corp.
1 N. Fifth St. (19)
60. Allis Co., The Louis
2100 Brema Rd. (26)
P. O. Box 8617
AT 2-3275
61. Allis-Chalmers Mfg. Co.
700 E. Franklin St. (19)
MI 3-6646
62. Aluminum Co. of America
712 Southern States Bldg.
MI 3-8393
63. American Optical Co.
221 Broad-Grace Arcade Bldg.
MI 5-2721
64. Apex Machine Manufacturing Co., Inc.
216 S. Fifth St. (19)
65. Arcet Equipment Co.
910 W. Cary St. (20)
MI 4-4523
66. Associated Sales Co.
5 S. 15th St. (19)
P. O. Box 1019
MI 8-7448
67. Baer, Herbert J.
P. O. Box 131
304 E. Main St. (1)
MI 8-3090
68. Bellows Co., The
1 N. Sixth St.
MI 3-2392
69. Berkness Control & Equipment Corp.
615 E. Franklin St. (19)
MI 3-5357
70. Breeden, Jr., E. Glenn
Box 8752 (26)
AT 8-1660
71. Bridgeport Brass Co.
1521 Central National Bank Bldg.
72. Cardwell Machine Co., The
P. O. Box 1359 (11)
MI 4-4593
73. Carrier Corp.
1637 Central National Bank Bldg. (19)
MI 4-4063
74. Clark Controller Co., The
Box 8762, Hampton Sta. (26)
AT 8-8758
75. Clark, Robert H.
8020 Spottswood Rd.
Westham
Phone: 88-0219
76. Cleveland Tramrail Richmond Co.
531 Brook Rd. (20)
MI 8-7019
77. Cline, Frank E.
2016 Second Ave. (23)
Box 5023
Phone: 3-8529

78. Cox Co., James M.
403 E. Franklin St.
MI 4-6737
79. Duffee, James E.
3106 W. Leigh St. (20)
EL 9-5194
80. Esso Standard Oil Co.
2000 Trenton Ave., (24)
81. Furlong Equipment Co.
3122 W. Clay St.
EL 5-5304
82. Gardner-Denver Co.
3817 W. Franklin St. (21)
EL 8-8632
83. General Electric Co.
700 E. Franklin St. (17)
MI 4-0711
84. Goode Co., Inc., W. B.
2915 W. Leigh St. (21)
85. Halladay Co.
1721 Arlington Rd.
86. Halliday Co., Inc., Alfred
3122 W. Clay St.
EL 3-4963
87. Houghton & Co., E. F.
603 Fayette Ave. (22)
MI 8-5047
88. Industrial Supply Corp.
1905 Westwood Ave. (15)
P. O. Box 6356
EL 5-8041
89. Ingersoll-Rand Co.
3431 W. Leigh St. (30)
EL 5-7871
90. Kennedy Sales
R. R. 2, Box 67
Phone: 5-2481
91. Keystone Reamer & Tool Co.
5904 Upham Dr. (27)
92. Leeds & Northrup Co.
302 E. Main St. (19)
MI 4-8379
93. Lukens Steel Co.
Central National Bank Bldg.
MI 3-5303
94. Marchant Industrial Sales Co.
P. O. Box 9534 (28)
EL 8-8466
95. Marshall Machinery, George A.
P. O. Box 8573 (26)
AT 2-2418
96. Matthews, O. P.
318 N. Harrison
EL 3-5608
97. McGraw, Inc., James
Ninth and Gary Sts. (17)
RI 2-9021
98. Moffatt Bearings Co.
1300 Altamont Ave. (21)
EL 9-2483
99. National Seal Works, Inc.
P. O. Box 5183
100. Noel Co., Inc., Hugh R.
531 Brook Rd.
MI 8-7019
101. Noland Co., Inc.
102. Parker, D. B.
1627 Westbrook Ave.
103. Reliance Equipment & Supply Co.
705 Jefferson Davis Hwy.
104. Reynolds Metal Co.
6601 W. Broad St.
AT 2-2311
105. Richmond Auto Parts, Inc.
1207 N. Blvd. (20)
EL 8-6721
106. Richmond Materials Handling Co.
2303 Westwood Ave.
EL 5-8057
107. Ridge, John H.
607 Richmond Federal Bldg. (19)
MI 4-7921
108. Shepherd Co., Allan T.
205 E. Canal St.
P. O. Box 1243
Phone: 2-0173
109. Simpson & Son, P. M.
717 Byrd Park Ct. (20)
EL 3-0287
110. Sinclair Refining Co.
P. O. Box 6-M

SALES OFFICES

WASHINGTON

111. Smethie, H. B.
6618 W. Grace St. (26)
112. Smith-Courtney Co.
P. O. Box 1378
Seventh and Bainbridge Sts.
BE 2-4561
113. Snap-on Tools Corp.
1817 W. Broad St. (20)
EL 5-8115
114. Southern Oxygen Co.
1015 Graham Rd.
115. Southern Railway Supply Co.
1323 E. Main St.
116. Summerell Co., H. M.
Suite 105 Seaboard Bldg. (21)
EL 5-3205
117. Sun Oil Co.
413 Bickerstaff Rd.
RI 7-0783
118. Syntrol Baltimore Sales Co.
2503 Edison Rd. (29)
AT 2-6533
119. Taylor Bros., Inc.
6 S. Fifth St. (3)
P. O. Box 414
MI 4-2391
120. Tidewater Supply Co., Inc.
13th and Byrd Sts.
P. O. Box 1259
MI 3-5361
121. Thor Power Tool Co.
2024 Chamberlayne Ave. (22)
122. Tyson Co., F. M.
3917 W. Franklin St. (21)
Phone: 6-8632
123. U. S. Electrical Motors, Inc.
7616 Byrn Mawr Rd. (29)
MI 9-0461
124. Viereck & Co., Inc., George E.
3618 North ave.
125. Virginia Tool & Equipment
1301 W. Main St.
EL 8-4935
126. Walsh, Robert
P. O. Box 457
Petersburg Pike Rd. (24)
BE 2-8434
127. Weaver Co., Inc., C. Arthur
403 E. Franklin St. (19)
MI 3-1895
128. Welders Supply Corp.
1505 Brook Rd. (20)
129. Weiss Co., Frederic J.
1505 Hilliard Rd. (28)
CO 6-1984
130. West Industrial Equipment, Inc.
2462 Northumberland Ave.
131. Williamson & Wilmer, Inc.
617 Mutual Bldg. (19)
MI 3-9003
132. Wood & Co., Inc., Harry M.
2016 Second Ave. (23)
MI 3-8529

ROANOKE

133. Crunkleton Co.
929 Fourth St., Southeast
P. O. Box 986
134. Esso Standard Oil Co.
2707 Williamson Rd. (12)
135. General Electric Co.
920 S. Jefferson St. (14)
DI 5-7764
136. Graves-Humphreys, Inc.
1948 Franklin Rd., Southwest (6)
P. O. Box 1218
DI 3-9011
137. Harnischfeger Corp.
3218 Salem Turnpike, Northwest
DI 2-9061
138. Ingersoll-Rand Co.
3122 Stoneridge Rd., Southwest
DI 4-1696
139. Kavanaugh, E. W.
P. O. Box 2484 (8)
EM 6-3672
140. Morrow, Ray
1816 Windsor Ave., Southwest
DI 4-1201

141. Nelson Hardware Co.
17 Campbell Ave., East
142. Noland Co., Inc.
P. O. Box 1911
1236 Center Ave.
RO 4-5561
143. Norfolk Co., Inc.
1226 N. Center Ave. (10)
144. Reliance Equipment & Supply Co.
1531 Shenandoah Ave., Northwest
145. Tidewater Supply Co., Inc.
Shenandoah at 14th (8)
P. O. Box 1829
DI 3-1515

SALEM

146. Parker-Nimmo Supply Co., Inc.
Broome and Chapman Sts.
P. O. Box 230
Phone: 2335

VIRGINIA BEACH

147. Graham, Richard H.
P. O. Box 322
Phone: 1196

WARRENTON

148. Warren, David M.
330 Culpeper St.
WA 6058

WAYNESBORO

149. Mize Supply Co.
P. O. Box 679
326 Ohio St.
WH 2-8273

WEST POINT

150. Roth, C. E.
Phone: 38-J-1

WYTHEVILLE

151. Johnson Sons, R. P.
355-365 E. Main St.
P. O. Box 280

WASHINGTON

ABERDEEN

1. Bearing Sales & Service
317 E. Market St.
AB 5820
2. Industrial Electric Service Co.
319 S. "I" St.
AB 956
3. Whitcher Machinery Co., Inc.
411 E. State St.
LE 2-1790

ALDERWOOD MANOR

4. Crabb, Edward
16002 E. Shore Dr.
GR 2482

BELLEVUE

5. A & C Engineering Co., Inc.
10462 S. E. 19th St.
GL 4-9483
6. Factors, Inc.
P. O. Box 837
GL 4-9571
7. Hall Engineering Co.
1430 130th, Northeast
GL 4-9511
8. Jack & Heintz, Inc.
Pacific National Bank Bldg.
GL 4-3548
9. Poggi, Martin J.
9516 S. E. 15th St.
10. Razor, Darrell O.
1234 N. E. 99th St.

11. Regional Engineering & Sales
4029 42nd, Southeast
SH 6-1451
12. Siml, H. E.
Box 181
GL 4-4309
13. Weatherhead Co., The
2321 157th Ave., Southeast
SH 6-0915

BELLINGHAM

14. Morse Hardware Co.
1025 Slate St.

EDMONDS

15. Delco Products Div.
1149 Sixth Ave.
MU 2682

EPHRATA

16. Ephrata Oxygen Co.
555 "A" St., Northwest

EVERETT

17. Bearing Sales & Service
2803 Grand Ave.
CE 1185
18. Everett Hardware Co.
2718 Broadway
AL 9-2158
19. Pacific Grinding Wheel Co.
2212 Pacific Ave.
20. Wold Hardware Co.
1811 Hewitt Ave.
AL 2-2161

HOQUIAM

21. Foster Co., F. G.
Ninth and Simpson Ave.

KENNEWICK

22. Industrial Air Products Co.
526 W. Columbia St.
JU 2-5411

LONGVIEW

23. Bearing Engineering & Supply Co.
1011 15th Ave.
24. Bearing Sales & Service
1131 Commerce Ave.

MERCER ISLAND

25. Tower Equipment Co.
P. O. Box 158
AD 2-1460

MOSES LAKE

26. Columbia Basin Machine Co.
W. 612 Third Ave.
RO 5-6262
27. Faber Hardware and Industrial Supply
E. 423 Broadway St.
RO 5-4352
28. S & M Hardware Co., Inc.
W. 116 Third Ave.

PASCO

29. General Electric Co.
824 W. Lewis St.
LI 7-5515

RENTON

30. Acetogen Cutting Gas Co.
330 Main St.
31. Coffee Cup, The
Box 658

SALES OFFICES

WASHINGTON

SEATTLE

32. Acme Steel Co.
1025 Sixth Ave., South (4)
MA 3-1102
33. Airborne Instruments Laboratory
619 Eighth Ave., South (4)
EL 4032
34. Aircraft Tool House
7700 E. Marginal Wy.
35. Air-Mac, Inc. of Washington
3838 Fourth Ave., South
NU 3388
36. Air Reduction Pacific Co.
3623 E. Marginal Wy (4)
MA 3260
37. Airsupply Co.
201 Boren Ave., North (9)
MA 2-8908
38. Alaska Western Construction Co.
300 Michigan St. (8)
39. Alaskan Copper & Brass Co.
3223 Sixth Ave., South (14)
MA 3-5800
40. Alemite Co.
1525 13th Ave. (22)
41. Allegheny Ludlum Steel Corp.
3327 White Henry Stuart Bldg. (1)
MU 2-2180
42. Allied Agencies, Inc.
4321 Linden Ave., No. F (3)
ME 2-4814
43. Allis-Chalmers Manufacturing Co.
1318 Fourth Ave. (1)
MA 3737
44. Allis Co., The Louis
708 Fifth Ave., South (4)
MU 2-5350
45. Allred, Myrie
13921 Sixth Ave., Southwest
- 45A. Aloe Co., A. S.
1920 Terry Ave.
46. Aluminum Co. of America
1411 Fourth Ave. Bldg. (1)
SE 4040
47. American Brass Co., The
902 White Henry Stuart Bldg. (1)
48. American Optical Co.
312 Dexter Ave., North
MA 4-8770
49. Aro Equipment Corp.
2 Hanford St. (4)
MA 4-1629
50. Aronson's Hardware Co.
First near Pike
MA 4-1777
51. Associated Industries
1752 Ranier Ave. (44)
MI 4400
52. Athol Machine & Foundry Co.
1515 15th Ave., West (99)
AT 3-1515
53. Becker Co., James J.
221 W. Galer St. (99)
AT 3-6470
54. Bailey Co., E. F.
1000 W. Fourth Ave., South (4)
MA 4-5715
55. Bartells Co., E. J.
1212 Sixth Ave., South (4)
MU 3636
56. Bausch & Lomb Optical Co.
336 Fourth and Pike Bldg. (1)
MA 0205
57. Bearing Engineering & Supply Co.
2548 Airport Wy. (4)
58. Bearing Sales & Service, Inc.
3908 Sixth Ave., South (4)
MU 2-0331
59. Behr-Manning Co.
540 W. Idaho St. (4)
MA 4-3030
60. Bellows Co., The
2 Hanford St.
MU 2-1622
61. Bennett, Warren
702 Second St., West (7)
62. Berg-Evans Chain Co.
2221 Fourth Ave., South (4)
MA 2-2060
63. Black & Decker Manufacturing Co.
434 Eighth Ave., North (9)
EL 6442
64. Bobbs Air-Draulics, Inc., Ray
65. Bohm, Fritz
2307 18th Ave., North (2)
CA 4169
66. Bowles Co., Inc.
101 Jackson St. (4)
67. Bowser, Inc.
2227 Fifth Ave. (11)
MA 3648
68. Boyd Co., A. B.
404 Dexter Ave. (9)
MA 2-6545
69. Branon & Leeland Instrument Co.
2136 Second Ave. (1)
MA 2-7320
70. Bridgeport Brass Co.
1000 Fourth Ave., South (4)
71. Brink Co., Owen
1006 Lowman Bldg.
72. Brown Bearing Co.
2440 First Ave., South (4)
MA 2-2404
73. Brown Co., R. H.
502-06 First Ave., South
P. O. Box 3046 (14)
MA 4-3100
74. Brunner & Lay, Inc.
2600 First Ave.
MA 2-8532
75. Brush Instruments
Boeing Field, Box 75
Rm. 118, Administration Bldg. (8)
PA 3-8814
76. Buckner-Weatherby Co.
1743 First Ave., South
EL 5103
77. Buffalo Forge Co.
2800 15th Ave., West (99)
78. Burcham Co., Don H.
422 First Ave., West (99)
AT 4-7297
79. Burhans-Sharpe Co.
1732 First Ave., South (4)
MA 2-9006
80. Burleigh Co., The
5245 Pullman Ave. (5)
LA 4-5245
81. Butcher Co., L. H.
1703 Sixth Ave., South
EL 1856
82. Butts, Garmond E.
3710 S. W. 171st St. (88)
CH 2-2103
83. C & H Supply Co.
Administration Bldg.
King County Airport, Boeing Field (8)
PA 2-8111
84. Campbell Co., H. D.
220 Ninth Ave., North
MA 4-3252
85. Campbell Hardware & Supply Co.
3443 Airport Wy. at Spokane St.
MA 5567
86. Campbell Industrial Supply Co.
3433 Airport Wy at Spokane St.
MA 5567
87. Carlson, Fred W.
1201 Dexter Ave. (9)
AT 4-4630
88. Carpenter Steel Co., The
3318 White Henry Stuart Bldg. (1)
MU 2-2153
89. Carrier Corp.
Third and Union (1)
MA 4-2081
90. Carson, Glenn O.
1910 E. Prospect St.
EA 4-8347
91. Cascade Distributors
1918 First St. (4)
92. Cascade Handling Equipment Co.
1741 First Ave., South (1)
MA 7669
93. Chain Belt Co.
2425 Airport Wy. (4)
MU 2-6750
94. Chain Gear, Inc.
820-824 First Ave., South (4)
MA 7000
95. Charles Industrial Sales Co.
5201 First Ave., South (14)
LA 6016
96. Chase Brass & Copper Co.
1957 First Ave., South (4)
MA 4-1862
97. Chicago Pneumatic Tool Co.
2901 First Ave., South (4)
MA 2-3930
98. Chicago Rawhide Manufacturing Co.
1731 First Ave., South
MA 4-3543
99. Clark Controller Co., The
111 W. Harrison St. (99)
AT 4-0530
100. Coast Associates, Inc.
1961 Fourth Ave., South (4)
MU 2-7192
101. Cox & Co., A. H.
1757 First Ave., South (4)
MA 2-1121
102. Cragin & Co.
932 First Ave., South (4)
MA 3-0052
103. Crane Packing Co.
1402 Third Ave. (1)
MA 2-3361
104. Crucible Steel Co.
2755 First Ave., South (4)
MA 3-6050
105. Cunningham Co., Inc., Raiston R.
71 Columbia St. (4)
106. Daley & Associate, Russell G.
P. O. Box 1655, Lake City Sta. (55)
EM 3-9009
107. Dawson Machinery Co.
5700 2-4 First Ave., South (8)
PA 3-8877
108. Dawson Tool & Abrasive, Inc.
5700 First Ave., South (8)
PA 2-7242
109. De Laval Pacific Co., The
535 First Ave., West
AT 4-0280
110. Dick Co., R. & J.
307 Maritime Bldg.
MU 2-1922
111. Diesel Engineering Co.
660 W. Ewing St. (99)
GA 0216
112. Dietzgen Co.
620 Michigan St. (8)
PA 5-8888
113. Diaston Div.
1555 Fourth Ave., (24)
MA 3-8040
114. DoAll Northwest Co.
520 E. Pike St. (22)
EA 2-2363
115. Dorsey Gage Co., Inc.
116. Dow Chemical Co., The
1809 Seventh Ave., (1)
MA 4-6488
117. Dow Industrial Co.
2410 First Ave., South (4)
MA 3-6370
118. Dowling Co., Jack
2437 Monte Vista Pl. (99)
AL 7918
119. Eagle Metals Co.
4755 First Ave., South (4)
PA 3-9974
120. Eckstrom Associates, Earl E.
2601 Second Ave. (1)
121. Electric Steel Foundry Co.
1131 W. Hanford St. (4)
EL 4160
122. Elgin National Watch Co.
1807 Bush Pl. (44)

WASHINGTON

123. Elite Tool & Supply Co.
7700 E. Marginal Wy. (8)
124. Ernst Hardware Co.
Pike at Sixth (1)
125. Fafnir Bearing Co., The
605 Spokane St. (4)
MA 2-4141
126. Fairbanks, Morse & Co.
668 Lane St. (4)
MU 3450
127. Failer Co., Preston
1921 Minor Ave.
128. Fetzer Co., Lewis J.
223 Administration Bldg.
Box 63, Boeing Field (8)
PA 5-6660
129. Fiberglass and Chemical Services, Inc.
1230 W. Nickerson (99)
AT 3-1995
130. Freeman's, Doc
999 Northlake Wy. (3)
131. Fryer-Knowles
1718 Broadway (22)
132. Gardner-Denver Co.
615 Eighth Ave., South (4)
MA 4-1115
133. Gardt, Roy F.
80 Roanoke St. (2)
EA 4-4381
134. Garland-Affolter Engineering
2603 Western Ave. (1)
MU 2-4950
135. General Electric Co.
710 Second Ave. (4)
MA 4-8300
136. General Electric Co.
220 Dawson St. (8)
PA 5-6800
137. Gilbert Sales Co.
906 First Ave., West (99)
AL 6330
138. Gillett Associates, G. M.
19690 18th St., Northeast (55)
EM 4812
139. Greaves Co., Fred G.
418 Eighth Ave., North (9)
MA 3-0680
140. Griffin Co., E. C.
539 First Ave., South (4)
MA 3-4214
141. Grinnell Co.
3101 Elliott Ave. (1)
142. Haight Co., Fred H.
3212 Eastlake Ave. (2)
EA 1818
143. Hallidie Machinery Co.
210 Hudson St. (4)
PA 3-9526
144. Hamilton, Charles E.
1217 Second Ave. (1)
MI 3-5947
145. Hansen Co., James T.
333 Taylor Ave. Bldg. (9)
AT 3-8101
146. Harader, Del D.
1534 16th Ave., North (2)
EA 3-5790
147. Harnischfeger Corp.
2909 First Ave., South (4)
MA 2-4924
148. Hartley, Henry E.
Box 81, Boeing Field (8)
PA 5-7130
149. Haseltine & Co., J. E.
510 First Ave., South (4)
MA 4-0626
150. Haywood Cutler Head, Inc.
5501 Airport Wy.
151. Houghton & Co., E. F.
90 Dearborn St. (4)
MA 2-7961
152. Houston Co., The
N. Annex, King County Airport (8)
PA 5-7990
153. Huck Manufacturing Co.
Box 44, Boeing Field (8)
PA 5-7066
154. Hydraulic & Air Equipment Co.
2450 Sixth Ave., South (4)
MU 1681
155. Hyster Co.
701 Ninth Ave., North (8)
AT 4-0400
156. IBM Corp.
310 Skinner Bldg. (1)
MU 2-4040
157. Industrial Air Products Co.
1900 Fourth Ave., South
MU 2-4750
158. Industrial Chemical & Equipment Co.
205 11th Ave., South
159. Industrial Materials, Inc.
203 Pine St.
MA 8575
160. Ingersoll-Rand Co.
526 First Ave., South (4)
MA 3-2886
161. Instrument Laboratory, Inc.
934 Elliott Ave., West (4)
162. International Sales Corp.
1230 Westlake Ave., North (9)
AT 3-6116
163. Jefferson, Inc., Frank H.
820 First Ave., South (4)
MU 1997
164. Johnson Bronze Co.
1525 Tenth Ave. (22)
EA 4-0840
165. Johnson Co., Frederick C.
1515 15th Ave., West (99)
AL 1515
166. Johnson Co., M. D.
307 Occidental Ave. (4)
167. Johnson Wholesale Plumbing
517 Aloha St.
168. Johnston Co., Ray
11009 Evanston Ave. (33)
EM 0956
169. Jones & Laughlin Steel Corp.
701 Northern Life Tower
EM 4-1040
170. Jones & Orth Cutter Head
P. O. Box 3523 (24)
PA 2-7390
171. Kaiser Aluminum & Chemical Sales,
Inc.
910 Fifth Ave. (4)
EL 7821
172. Keir Co., L. C.
1215 Poplar Pl. (44)
EA 2-8961
173. Ketchum, Lee
4785 First Ave., South (4)
174. Kinnane Machinery Co.
2727 First Ave., South (4)
175. Klinger Co., The M. H.
1016 First Ave.
EL 5066
176. Knight Co., Albert S.
3010 Western Ave. (1)
EL 7390
177. Knight Machinery Co.
2211 23rd Ave., South
CA 3767
178. Kruth, Paul O.
4054 W. Henderson (16)
179. Kunz Co., R. E.
1016 First Ave., South (4)
EL 4949
180. L. M. T. Distributing Co.
1603 Harvard Ave. (22)
181. Lanco Equipment Co.
1025 W. Spokane St. (4)
182. Langlois Air & Hydraulic
1443 Northlake Wy. (3)
ME 3-3747
183. Lee Co., Fairman B.
241 Central Bldg. (4)
MU 2-1456
184. Leeds & Northrup Co.
1311 Republican St. (9)
MA 3-5505
185. Levinson Co., Harry
1117 Second Ave.
MA 2-5433
186. Lewin-Mathes Co.
1056 Fourth Ave., South (4)
MA 6733
187. Lincoln Electric Co., The
543 W. Nevada Ave. (4)
MA 3-2235
188. Linde Co.
3404 Fourth Ave., South (4)
MA 2-6247
189. Link-Belt Co.
3405 Sixth Ave., South (4)
190. Liquid Carbonic Corp.
2447 Sixth Ave., South (4)
191. Lundin Co., D. H.
5501 University Wy. (5)
FL 4995-4997
192. Lynn & Brooks Co.
4821 Fauntleroy Ave.
WE 5-9536
193. Machinery Exchange Co.
2720 First Ave., South
194. Marine & Industrial Supply, Inc.
1123 W. Hanford St.
SE 6926
195. Marvin Co., John H.
422 First Ave., West (99)
AT 4-0331
196. Mathers Supply Co.
Fishermen's Terminal (99)
197. Maxwell Tebb & Co.
401 Elliott Ave., West (99)
MA 4-7756
198. McKenzie, Fred L.
5013 46th St., Southwest (6)
AV 5713
199. McLaren, George
Corner Third Ave. and Yesler Wy. (4)
200. Mead Co., George E.
Arctic Bldg. (4)
201. Mechanical Handling Co.
1401 W. Garfield St. (99)
GA 0200
202. Metal & Thermit Corp.
2739 First Ave., South
MU 3285
203. Miller Co., Carl F.
2450 Sixth Ave., South
MA 4-8668
204. Milwaukee Electric Tool Corp.
405 Cedar St. (1)
MA 4-8631
205. Minnesota Mining & Manufacturing
Co.
3663 First Ave., South (4)
MU 2-5550
206. Mjoen, A. E.
3312 E. Republican (2)
EA 3-8767
207. Moore & Co. Engineers Inc., C. C.
417 Smith Tower (4)
MA 1496
208. Mossman, M. M.
801 The Hoge Bldg. (4)
MA 4-5393
209. Murray, D. James
1206 E. Pike St. (22)
CA 1070
210. Muth-Richards Co.
1804 Bush Pl. (44)
EA 3-2128
211. National Co., The
70 Marion St. (4)
MU 2450
212. Nelson Stud Welding
2737 First Ave., South
MU 2-3208
213. New Departure Div.
5000 First Ave., South (4)
PA 3-5920
214. Northern Commercial Co.
4223 W. Marginal Wy. (6)
MU 2300
215. Northwest Chains & Sprockets
3628 E. Marginal Wy.
MA 2-8629

SALES OFFICES

WASHINGTON

SEATTLE (Cont.)

216. Northwest Factors
2609 Second Ave. (1)
MA 4-8116
217. Northwest Plumbing Supply
509 Boren Ave., North (9)
218. Northwest Sales-Engineering Co.
915 Terminal Sales Bldg. (1)
MA 3860
219. Northwestern Agencies, Inc.
4130 First Ave., South (4)
MA 3-8883
220. Northwestern Lubricants & Supply Co.
8403 Greenwood St. (3)
SU 3-2820-4-6635
221. Norwest Co.
320 Second Ave., West (99)
MU 7820
222. Ogle & Co., Jack A.
105 Orcas St. (8)
PA 5-2036
223. Oilgear Co., The
914 Arctic Bldg. (4)
MA 2-7445
224. Olson Co., D. A.
4600 Union Bay Pl. (5)
LA 2-7372
225. O'Neill Machinery Co.
1011 Howell St. (1)
SE 0556
226. Owen-Brink Co.
1006 Lowman Bldg. (4)
MA 4-2420
227. Pacific American Commercial Co.
P. O. Box 3042A
2911 E. Marginal Wy.
SE 5201
228. Pacific Metal Co.
4150 First Ave., South (4)
MA 6925
229. Pacific Munitor
414 Holgate St.
MA 4-1355
230. Pacific Pumping Co.
114 W. Harrison
AT 4-1424
231. Pacific Scientific Co.
421 Michigan St. (8)
MO 7000
232. Palmer Supply Co.
222 Westlake, North (9)
233. Paramount Manufacturing Co.
2221 Fourth Ave., South
234. Penning, J. R.
1814 Smith Tower
MA 1190
235. Perine Machinery & Supply Co., Inc.
1921 First Ave., South (4)
MA 2620
236. Perry's Tool Div.
1150 Eastlake Ave., (1)
SE 8258
237. Persitz, Benno
114 Garfield (9)
AT 4-1383
238. Peterson, Ken E.
6318 54th St., Northeast (15)
LA 5-7994
239. Pratto Sales Co.
926 12th Ave.
EA 2-8635
240. Puget Sound Stamp Co.
120 Marion St. (4)
241. Ranier Industrial, Inc.
P. O. Box 9052 (9)
MA 4-1141
242. Ravenna Metal Products
6518 Ravenna Ave., Northeast (15)
LA 5-5555
243. Reichhold Chemicals, Inc.
P. O. Box 3547 (24)
PA 3-6300
244. Resistoflex Corp.
105 Orcas St. (8)
PA 3-2030
245. Revere Copper and Brass, Inc.
314 Fairview Ave., North (9)
246. Reynolds Metals Co.
1844 Westlake Ave., North (9)
247. Roberts, Clifford A.
4330 Phinney Ave. (3)
ME 2-1664
248. Rogers Co., F. P.
520 First Ave., South (4)
MA 7667-7668
249. Ross & Co., J. C.
1925 First Ave., South (4)
SE 7233
250. Rucker Co., The
1000 Fourth Ave., South (4)
MA 2783
251. Rueger Co., The
P. O. Box 4033, Magnolia Sta. (99)
252. Rutherford, Inc., B. P.
1954 First Ave., South (4)
EL 1954
253. Ryerson & Son, Inc., Joseph T.
Box 3525 (34)
MA 4-2300
254. Schack Co., Ed B.
2218 First Ave. (1)
255. Schultz Co., N. R.
Second and Cherry Bldg. (4)
SE 6396
256. Scientific Supplies Co.
800 Spokane St. (4)
257. Scott Saw Co., John Y.
705 Sixth Ave., South (4)
SE 6358
258. Seaport Co.
5501 University Wy.
P. O. Box 119, University Sta. (8)
LA 5-4995
259. Seattle Art & Photo Supply, Inc.
359 Roy St. (9)
AT 3-7984
260. Seattle Equipment & Supply
4020 Airport Wy. (8)
261. Seattle Hardware Co.
501 First Ave., South (14)
262. Selas Corp. of America
Boeing Field, Box 37 (8)
PA 3-5940
263. Shaffer & Nelson, Inc.
312 Occidental Ave. (4)
MU 2-0186
264. Shell Oil Co.
1219 Westlake Ave., North (11)
AT 2-4950
265. Smith Co., D. B.
1016 First Ave., South (4)
MU 2-5086
266. Smith Sales Co., Don
2320 N. 45th St. (3)
ME 3-3160-3-3161
267. Snap-on Tools Corp.
4503 Eighth Ave., Northwest (7)
SU 2-2192
268. Snellman Co., D. L.
113 King St. (4)
EL 8260
269. Soderling Co., H. F.
1729 First Ave., South (4)
MA 2-6056
270. Spencer Aircraft Industries, Inc.
8410 Dallas Ave. (8)
PA 3-0911
271. Standard Equipment Sales
304 W. Lucile St. (4)
PA 5-9448
272. Standard Oil Co. of California
1318 Fourth Ave.
MA 3-6318
273. Stanley, Ken R.
2023 Louisa St. (2)
EA 3-3988
274. Star Machinery Co.
241 Lander St. (4)
MA 3-0760
275. Starbuck Machine Tool Co.
4111 Airport Wy. (8)
MU 2-2269
276. Starr, James
314 Lloyd Bldg. (1)
MU 2-3033
277. Steam Supply & Rubber Co.
123 Jackson St. (4)
MA 6556-7-8
278. Stedman, G. A.
2339 Federal Ave.
EA 3-1393
279. Sterling Electric Motors, Inc.
1712 First Ave., South (4)
MA 4-0723
280. Sterling Tool Co.
2911 E. Marginal Wy. (24)
MA 4-3204
281. Stulgis Co., Inc., W. J.
608 W. Crockett St. (99)
AT 2-6353
282. Supreme Products Corp.
2437 Monta Vista Pl.
AL 7-918
283. Swanton, Inc., Harold R.
2739 Fourth Ave., South (4)
MU 2232
284. Swart Industries
1404 Eighth Ave., South (4)
MU 2-7077
285. Sweetland Co., E. D.
1250 First Ave., South (4)
MA 2-1167
286. Syntrol Seattle Sales Co.
15223 Eighth Ave., South (88)
CH 3-6250
287. Systi-Matic Co.
851 Poplar Pl. (4)
EA 1600
288. T. R. C. Sales Co.
1532 Fourth Ave., South (4)
MA 3-7455
289. Takahashi & Co., Inc., C. T.
P. O. Box 3626 (24)
MU 2-2060
290. Taraba Co., Joseph F.
1016 First Ave., South (4)
MA 3-5006
291. Texas Co., The
1511 Third Ave.
Republic Bldg. (1)
MU 2-4506
292. Thor Power Tool Co.
414 Eighth Ave., North (9)
MU 0591
293. Thorson Co., The
1767 15th Ave., South (44)
EA 5-5000
294. Timesaver Products Co.
475 Elliott Ave., West (99)
295. Timken Roller Bearing Co., The
305 Ninth Ave., North (9)
MA 2-1580
296. Timmerman Equipment Co.
1310 Western Ave. (1)
MU 2767
297. Torrington Co., The
173 First Ave., South (4)
MA 3-2252
298. Tripple, R. D.
637 Third Ave., West (99)
AT 3-3498
299. Tri-State Supply Corp.
318 Occidental St.
MA 4161
300. Tudor & Associates, Inc., J. A.
2605 Western Ave. (1)
MU 2-7444
301. Tyee Machinery Co.
1924 First Ave., South (4)
MU 5881
302. U. S. Electrical Motors, Inc.
3427 Fourth Ave., South (4)
MA 4-0614
303. Universal Equipment Co.
1549 Eastlake Ave. (2)
304. Valvoline Oil Co.
2204 First Ave., South
MA 8350
305. Vascoloy Ramet Corp.
1215 Poplar Pl. (44)
EA 2-8861-62

SALES OFFICES

WASHINGTON

- 306. Vickers, Inc.
623 Eighth Ave., South (4)
MU 2-6950
- 307. Wales Stripit, Inc.
101 Jones Bldg. (11)
MA 3-8306
- 308. Warden Co., Inc., George W.
1305 Dexter Ave. (9)
AT 3-0622
- 309. Washington Belting & Rubber Co.
2763 First Ave., South
MA 3-5659
- 310. Washington Machine Co.
7329 E. Marginal Wy.
RA 1129
- 311. Webster Machinery Co.
2720 First Ave., South (4)
MU 2-0233
- 312. Welders Supply Co.
1741 Fourth Ave., South
- 313. West Coast Machinery Co., Inc.
2707 First Ave., South (4)
EL 5001
- 314. Western Dynamics Co.
444 Dexter Horton Bldg. (4)
MA 2-4630
- 315. Western Factors
2733 Fourth Ave., South (4)
MU 3414
- 316. Western Foundry Sand Co.
1039 Elliott Ave., West (99)
AT 3-0123
- 317. Whiting Corp.
1326 Fifth Ave. (1)
MU 2-1785
- 318. Winikoff, Neil
2700 Beacon St. (44)
BE 5-6262
- 319. Woods Co., Thomas S.
220 Ninth Ave., North (9)
EL 8204
- 320. Woolsey, A. F.
84 Madison St.
EL 7061
- 321. Worthing Corp.
2616 Western Ave. (1)
- 322. Wright Co., Norman S.
235 Ninth Ave., North (9)
MA 4-7060

SOUTH COLBY

- 323. Anderson, John R.
Phone: Port Orchard TR 6-2047

SPOKANE

- 324. Abadan-Spokane
W. 415 First Ave. (10)
MA 4-0117
- 325. Airborne Instruments Laboratory
E. 1717 Thurston Ave. (34)
MA 4-9702
- 326. Air-Mac, Inc. of Washington
P. O. Box 1125
E. 3710 Trent Ave.
KE 6561
- 327. Allis-Chalmers Manufacturing Co.
W. 12 Indiana Ave. (17)
FA 7-1581
- 328. Aluminum Co. of America
610 Fidelity Bldg. (1)
RI 7-6124
- 329. Bartells Co., E. J.
1203 W. College St.
EM 7500
- 330. Brown Bearing Co.
E. 1711 Trent Ave.
KE 5-3093
- 331. Eagle Metals Co.
Helena at Broadway (24)
KE 4-0586
- 332. Electric Steel Foundry Co.
N. 1327 Washington St. (13)
FA 5-4507
- 333. Empire Bearing Co.
E. 102 Sprague Ave. (3)
MA 4-2109
- 334. Equipment Sales & Service
925 First Ave.
- 335. General Electric Co.
S. 162 Post St. (4)
TE 8-3621
- 336. General Machinery Co.
P. O. Box 4227, Sta. BE
E. 3500 Riverside Dr.
KE 4-1535
- 337. Gibson Welding Supplies, Inc.
E. 218 Trent Ave. (2)
RI 7-8071
- 338. Greaves Co., Fred G.
1207 W. College (1)
FA 5-0480
- 339. Grinnell Co.
E. 909 Sprague Ave. (2)
- 340. Hallidie Machinery Co.
N. 2603 Division St. (21)
FA 7-9581
- 341. Harvey Co., John L.
121 S. Monroe St. (4)
MA 3002
- 342. Haseltine & Co.
1101 Division St.
BR 1688
- 343. Hayden Tool Specialty Co.
E. 1407 Sprague Ave.
- 344. Huson Sales & Engineering Co.
2312 W. Walton Ave. (13)
FA 5-0895
- 345. Hydraulic & Air Equipment Co.
P. O. Box 4145 (31)
- 346. Industrial Air Products Co.
E. 4230 Trent
KE 4-1585
- 347. Inland Hardware Co.
1802-4 E. Sprague Ave.
KE 4-4525-KE 4-4752
- 348. Inter-State Industrial Sales
P. O. Box 198 (10)
FA 7-9528
- 349. Jensen-Byrd Co.
Box 2172
314-324 Riverside Ave. (10)
MA 4-1321
- 350. Kilmer & Sons Co.
W. 1001 First Ave.
P. O. Box 165 (10)
MA 3201
- 351. Liftco, Inc.
E. 4324 Trent Ave.
P. O. Box 6, Parkwater Sta.
- 352. Linton, J. R.
North 4805 Cedar St. (19)
FA 8-0169
- 353. Machinery & Tool Supply
W. 417-21 Second St. (8)
- 354. Matthews & Associate, W. R.
W. 419 Second Ave. (8)
MA 4-2001
- 354A. Miller & Co., Carl F.
1133 W. College Ave. (11)
- 355. Pollard, T. M.
E. 2146 Eighth Ave., (32)
FA 7-9528
- 356. Power & Controls, Inc.
P. O. Box 6153
HU 7-4500
- 357. Reynolds Metals Co.
3801 El Olive at Rebecca
KE 4-0714
- 358. Ryerson & Son, Inc., Joseph T.
Box 2158 (10)
KE 5-1581
- 359. Shaffer & Nelson
P. O. Box 198 (10)
FA 7-9528
- 360. Skill Corp.
E. 2226 Riverside (24)
KE 5-1754
- 361. Spokane Stamp Works
401 First Ave.
- 362. Standard Oil Co. of California
W. 422 Riverside Ave.
MA 4-1191
- 363. Star Machinery Co.
E. 415 Sprague Ave. (3)
RI 7-6121
- 364. Thompson, Dale.
W. 1423 Glass (13)
FA 5-0493

- 365. Towne Equipment Co., Inc.
622 N. Monroe St. (1)
FA 8-1540
- 366. Washington Machinery & Supply Co.
1001 N. Division St. (1)
- 367. Western Machinery Co.
N. 808 Division St. (11)
FA 7-1501
- 368. Wright & Co., Norman S.
S. 125 Stevens (4)
MA 8-058

TACOMA

- 369. Air Mac., Inc.
1003 Washington Bldg. (2)
BR 1605
- 370. Bartells Co., E. J.
678 E. 11th St. (2)
- 371. Bearing Sales & Service
1743 Jefferson St. (2)
- 372. Campbell Industrial Supply Co.
1924 Pacific Ave. (2)
- 373. General Electric Co.
1216 Washington Bldg. (1)
BR 3-8361
- 374. Hunt-Mottet Co.
P. O. Box 1635
2112 Pacific Ave. (1)
- 375. King, J. Homer
1523 Broadway (2)
MA 4455
- 376. Lee & Lee
8019 107th St., Southwest
- 377. Mueller Brass Co.
2934 S. Sprague St. (2)
GR 4-9523-4
- 378. Reichhold Chemicals, Inc.
P. O. Box 1482
3320 Lincoln Ave.
MA 7-7773
- 379. St. Paul & Tacoma Lumber Co.
Hardware Department
1220 St. Paul Ave. (1)
MA 7-6181
- 380. Shortt Saw & Knife Co.
621 E. 11th St.
- 381. Washington Belting & Rubber Co.
672 E. 11th St.
MA 7-8154
- 382. Washington Hardware Co.
1427 Puyallup Ave. (1)
- 383. Webster-Robinson Machinery & Supply Co.
Box 1161
1535 Bay St.
BR 2-0341
- 384. Amery & Sons, Inc.
1011 N. Ninth Ave.
JA 9-3130
- 385. Morrison Supply Co.
217-225 E. Alder
JA 5-9180

WENATCHEE

- 386. General Electric Co.
328 N. Wenatchee Ave.
NO 2-2404

YAKIMA

- 387. Air Mac., Inc.
313 N. Grandview
Phone: 2-1552
- 388. Air-Mac, Inc. of Washington
3208 Jefferson
YA 2-1552
- 389. Fruit Packers Supply & Equipment Co.
- 390. Industrial Air Products Co.
2325 S. First St.
GL 3-5675

SALES OFFICES

WEST VIRGINIA

BECKLEY

1. Anchor Sales Co.
373 Prince St.
2. Mabscott Supply Co.
570-71 Wickham Ave.
P. O. Box 1282
Phone: 3251

BLUEFIELD

3. Bluefield Supply Co.
DA 5-6131
4. General Electric Co.
704 Bland St.
DA 5-9118
5. Pocahontas Welding Supply Co.
U. S. Rte. 52N
P. O. Box 1256

CAMERON

6. Cameron Tool & Supply Co.
CA 23

CHARLESTON

7. A & I Supply Co.
614 Virginia St., West (30)
Phone: 68-2401
8. Airborne Instruments Laboratory
901 Laurel Rd. (4)
P. O. Box 4012
WA 5-9293
9. Allis-Chalmers Manufacturing Co.
179 Summers St. (1)
DI 3-9505
10. Baker Equipment Engineering Co., Inc.
464 Morris St.
DI 20-178
11. Baldwin Supply Co.
207 Virginia St., West (30)
DI 5-9661
12. Bolden Co., Inc., William S.
3416 MacCorkle Ave., Southeast (29)
P. O. Box 2506
DI 3-5644
13. Capital City Supply Co.
Broad and Smith Sts.
14. Charleston Saw Works
1034 Bigley St.
Phone: 3-2533
15. Cornwell Tools Co.
1120 Central Ave. (1)
16. Crane Packing Co.
1574 Virginia St., East
DI 2-5651
17. Esso Standard Oil Co.
McCorkle Ave. and Standard St. (23)
18. General Electric Co.
306 MacCorkle Ave., Southeast (28)
DI 5-9421
19. General Engineering Co.
3406 Chesterfield Ave.
20. Haynes, H. R.
611 Ruffner Ave.
21. Hess & Son, W. J.
3145 Washington St., West (2)
RI 4-1821
22. Industrial Equipment Co., Inc.
913 Brooks St.
P. O. Box 761 (23)
DI 37-606
23. Jefferds & Moore, Inc.
P. O. Box 4390
Phone: 23-875
24. Linde Co.
Kanawha City Sta. (4)
P. O. Box 4078
25. Mason, James R.
P. O. Box 3043 (31)
DI 4-4415

26. McKunkin Corp.
1352 Hansford St.
P. O. Box 513
27. Payne, Henry E.
918 Kanawha Blvd. East (1)
DI 3-1393
28. Persingers, Inc.
520 Elizabeth St.
Box 1866
29. Process Instrument & Equipment
P. O. Box 2775 (30)
DI 2-2131
30. Reliance Electric and Engineering Co.
1210 Virginia St. (1)
DI 3-7611
31. Virginia Welding Supply Co.
114-116 Virginia St., East (1)
Phone: 3-9331-2
32. Virginian Electric Co.
Box 2833 (30)
33. Wesco Corp.
2624A Sixth St.

CLARKSBURG

34. Baker Equipment Engineering Co., Inc.
250 Monticello Ave.
MA 46-368

FAIRMONT

35. Bluefield Hardware Co.
Tenth St. and Beltline
36. Esso Standard Oil Co.
314 Monroe St.
37. Fairmont Supply Co.
Tenth St. and Beltline
38. General Electric Co.
310 Jacobs Bldg.
Phone: 313

HUNTINGTON

39. Baker Equipment Engineering Co., Inc.
526 29th St.
Phone: 20-373
40. Banks-Miller Supply Co.
330 Third Ave.
JA 5-9141
41. Belmar Co., The
P. O. Box 1719
42. Clark Controller Co., The
914 Adams Ave.
JA 2-8343
43. Cleveland Tramrail Huntington Co.
713 Fifth Ave. (1)
JA 2-6105
44. Emmons Hawkins Hardware Co.
45. Ensign Electric & Manufacturing Co.
914 Adams Ave. (8)
JA 2-8343
46. Enslow Machinery Co.
1401-03 Eighth Ave.
P. O. Box 489
47. Houghton & Co., E. F.
P. O. Box 1744
JA 2-8596
48. Huntington Supply & Equipment
Chafin Bldg.
Phone: 2-5562
49. McKown Sales Co.
713 Fifth Ave.
JA 2-6105
50. Meisel Machinery Co.
1501 Washington Ave.
51. Sterling Supply Co.
850 W. Seventh St. (4)
JA 5-7729
52. Sun Oil Co.
13th and Beach Sts., Kenova
GL 3-1381
53. Terrell Industrial Supply Co.
2144 Third Ave.
JA 5-0901-5-0953
54. Truitt Co., H. H.
1650 Monroe Ave.
HA 9-3861
55. West Virginia Electric Supply Co.
550 Third Ave.

KINGWOOD

56. University Supply Co., Inc.
62 Price St.

LOGAN

57. Tri-State Welding Co.
Route 119, South

MILTON

58. Myers, Merl B.
Box 517

MONTGOMERY

59. Marathon Coal Bit Co., Inc.
Box 391
RI 2-2478

MORGANTOWN

60. University Supply Co., Inc.
1291 University Ave.

MOUNDSVILLE

61. Gordon Auto Parts
Second and Cedar

PARKERSBURG

62. Bolden Co., Inc., William S.
512 Seventh St.
63. Herring Machinery Sales Co.
521 Ellis Ave.
GA 8-9872
64. Industrial Grinding Service
707 Gladstone St.
P. O. Box 3041
65. Lincoln Electric Co., The
3405 Murdock
66. Pittsburgh Gage & Supply
2324 Garfield

RAVENSWOOD

67. Fairmont Supply Co.
P. O. Box 708

ST. ALBANS

68. Mine Specialty Co.
106 Kasick Ave.

SOUTH CHARLESTON

69. Call Co., Ray C.
MacCorkle Ave.
70. Syntex West Virginia Sales Co.
225 Seventh Ave. (3)
RI 4-3505
71. Will Corp. of West Virginia
Spring Hill Sta. (3)
Box 284

VIENNA

72. Motch & Merryweather Machinery Co.
4500 Third Ave.
AX 5-5602

WEIRTON

- 72A. Weirton Steel Co., Div. of National Steel Corp.

WELLSBURG

73. "B" Branch Co., The
1112 Commerce St.

WHEELING

74. Bellows Co., The
710 Hawley Bldg.
CE 2-1593
75. Detrex Chemical Industries, Inc.
17th St. Chapline to Eoff
CE 2-5660

76. General Electric Co.
40 14th St.
Phone: 108
77. Keener-Groman Co.
1309 Main St.
78. Pittsburgh Gage & Supply
N. Sixth St. and Pennsylvania Rail Rd.
79. Rice, David Y.
3825 Jacob St.
CE 2-6006
80. Safety First Supply Co.
47 Garland Ave.
81. Scott Equipment Co.
3825 Jacob St.
CE 2-6006
82. Sun Oil Co.
Stop 22, River Rd.
WA 148
83. Trimble & Lutz Supply Co.
112-122 19th St.
CE 2-0550
84. Wheeling Plumbing and Industrial
Supply Co.
20th and Main St.
CE 3-3340

WILLIAMSON

85. Persinger Supply Co.
86. Tri-State Welding Co.
P. O. Box 1348
Rte. 52, West
Phone: 1611
87. Williamson Supply Co.
Phone: 1200

WISCONSIN

APPLETON

1. Airborne Instruments Laboratory
Irving Zuelke Bldg.
2. Allis-Chalmers Manufacturing Co.
1000 W. College Ave.
RE 4-4577
3. Allis Co., The Louis
1713 S. Oneida St.
RE 3-8995
4. Arc, Inc.
714 W. Washington
RE 4-2826
5. Bahcall, Inc., I.
975 N. Meade St.
RE 3-7359
6. Chain Belt Co.
103 W. College Ave.
RE 4-4944
7. Clayton, Robert G.
P. O. Box 711
8. General Electric Co.
510 W. College Ave.
RE 4-4536
9. Houghton & Co., E. F.
P. O. Box 255
RE 3-6009
10. Kirkeide, Raymond P.
1119 W. Oklahoma St.
RE 3-1588
11. Langstadt Electric Supply
1524 W. Civic St.
12. Lincoln Electric Co., The
217 N. Locust St.
13. Machinery and Supplies, Inc.
110 N. Outagamie St.
RE 3-1357
14. Miller Electric Manufacturing Co.,
Inc.
330 W. Seymour
RE 3-9402
15. Reeves Pulley Co.
Irving Zuelke Bldg.
RE 3-7389
16. Reliance Electric and Engineering Co.
Irving Zuelke Bldg.
RE 3-7389
17. Valley Industrial Sales
P. O. Box 77
321 N. Appleton St.
RE 3-0287

- 17A. Valley Welding Supply Co.
1828 W. Wisconsin Ave.

BELOIT

18. Crowley, John
1005 Milwaukee Rd.
EM 5-7357
19. Eyre Distributing Co.
P. O. Box 656
20. Gardner Machine Co.
DU 9-2251
21. Magill, R. C.
P. O. Box 674
EM 2-3853
22. Welder Supply Co.
111 Barrett Pl.
EM 5-5857

BROOKFIELD

23. Wolter, Robert
2540 N. Indian Trail
SU 2-5841

BURLINGTON

24. Master Mechanic Manufacturing Co.

BUTLER

25. McGuire Co., Inc.
13380 W. Silver Spring Rd.
SU 1-7820
26. Miller, Richard
5723 Cherylin Dr.
SU 1-9336
27. Ziv Steel & Wire Co.
5139 N. 124th St.
SU 1-5615

CHIPPEWA FALLS

28. Production Equipment, Inc.
Route 4
PA 3-7540

DELAVER

29. Keegan, Austin M.
808 Michigan St.

DE PERE

30. Wisconsin Industrial Truck Co.,
Inc.
201 S. Broadway

EAGLE

31. Conroy, Robert J.
R R #2
EA 537
32. Turner, Jr., A. F.
Park and Sherman
EA 991

EAU CLAIRE

33. Anderson, E. L.
2814 Clark Pl.
34. Hobbs Supply Co., W. H.
35. Production Equipment Co.
319 N. Barstow St.
TE 2-3483
36. S M Supply Co.
TE 2-1697

ELM GROVE

37. C & G Sales & Engineering Co.
14100 W. Wisconsin Ave.
SU 2-4050
38. Dorsch, A. H.
Park and Shop Bldg.
13435 Watertown Plank Rd.
SU 2-7150
39. Gisholt Machine Co.
13300 Watertown Plank Rd.
SU 6-5640

WISCONSIN

40. Masek, Fred G.
1765 Fairhaven Blvd.
41. Parsons, C. B.
P. O. Box 917
SU 2-6413
42. Ripple, Robert J.
12700 Wrayburn Rd.
SU 2-8656
43. Schultz, Donald H.
2220 Fairhaven Blvd.
SU 2-9123

FOND DU LAC

44. Davis Boring Tool Div.
475 S. Seymour St.
WA 2-6700
45. Giddings & Lewis Machine Tool
475 S. Seymour St.
WA 1-9400
46. Hart Supply Co.
31 W. Second St.
47. Jenson, Ted
130 Forrest Ave.

GRAFTON

48. Kat Co.

GREEN BAY

49. A-C Supply Co.
1741 Willow
HE 7-6545
50. Bay Verte Machinery Co.
127-131 N. Pearl St.
HE 5-4437
51. Danz Paint & Supply Co.
328 Main St.
52. Herlache Industrial Supply Co., Inc.
121 N. Broadway
Box 1155
HE 2-8609-2-8860
53. Ingerman, T. C.
1232 Bond St.
HE 7-3934
54. Thew Supply Co., W. E.
339 S. Broadway
HE 7-3228

HALES CORNERS

55. Arthur Engineering Sales Co.
11210 W. Mallory Ave.
Phone: 5-2553
56. Kreil, F. J.
5380 S. 116th St.
GL 3-5835

HARTLAND

57. Crane Packing Co.
Box 30A, Route 1
FO 7-6328

JANESVILLE

58. Detrex Chemical Industries, Inc.
15 St. Lawrence Ave.
AL 5-8833
59. Munger, Percy L.
P. O. Box 252
PL 4-6654

KENOSHA

60. American Brass Co.
1420 53rd St.
61. Badger Bearing Co.
660 Sheridan Rd.
OL 4-5395
62. Evans, Jr., C. W.
6570 Fifth Ave.
OL 4-6548
63. Famco Milling Machine Co.
3160 Sheridan Rd.
OL 4-3516

SALES OFFICES

WISCONSIN

KENOSHA (Cont.)

- 64. Nelson, Lawrence J.
2401 71st St.
- 65. Ren Plastics, Inc.
7700 Third Ave
OL 4-5969
- 66. Slater, Henry W.
Route 1, Box 227
OL 4-8217
- 67. Snap On Tools Corp.
- 68. Supreme Keyseat Cutters Co.
1328 43rd St.

LA CROSSE

- 69. Burns Machinery Co., F. W.
332 Copeland Ave.
Phone: 2-5394
- 70. LaCrosse Auto Supply Co.
125 N. Third St.
Phone: 2-8180
- 71. Randall-Graw, Inc.
1007 Monitor St.

LAKE GENEVA

- 72. Guntermann, A. E.
South St.

MADISON

- 73. Colman Co., R. B.
P. O. Box 15
AL 6-6355
- 74. Crescent Electric Supply
123 N. Blount St.
- 75. Ela Co., Richard E.
744 Williamson St.
AL 6-1961
- 76. General Sales & Supply Co.
1406 Williamson Ave. (4)
- 77. Gordon Engineering Co.
1862 E. Main St. (4)
CH 4-6292
- 78. Kessenich Co., Fred H.
2041 Winnebago St.
P. O. Box 3007 (4)
CH 4-2250
- 79. Rundle Spence Manufacturing Co.
645 Williamson St. (3)
- 80. Wiedenbeck, Dobelin Co.
619 W. Mifflin St.

MANITOWOC

- 81. Bellows Co., The
826A S. Eighth St.
MU 2-5691
- 82. Detrex Chemical Industries, Inc.
1422 Wolmer St.
MU 4-5785
- 83. Huchthausen Co., The
Eighth and Washington Sts.
MU 4-5567
- 84. Stangel Hardware Co., J. J.
Eighth at Quay
MU 4-3313

MARINETTE

- 85. Interstate Welding Sales
1801 Marinette Ave.

MILWAUKEE

- 86. ABC Lift Truck Co.
2246 S. 54th St.
LI 1-6700
- 87. A. B. Plating Supply Co.
3033 W. Layton Ave. (15)
AT 1-8383
- 88. A-C Supply Co.
2302 W. Clybourn Ave.
DI 2-1161
- 89. A L Tool Supply Co.
1000 S. 16th St. (4)
OR 2-4300
- 90. ABCO Welding Supply Co.
1500 W. Hopkins St.
- 91. Abrasive Specialists of Wisconsin
3445 W. Forest Home Ave. (15)
- 92. Acheson Colloids Co.
6915 W. Capitol Dr. (16)
HO 3-4858
- 93. Acme, Inc.
619 S. 70th St. (14)
- 94. ACRO Welder Manufacturing Co.
1719 W. St. Paul Ave. (3)
WE 3-6250
- 95. Airborne Instruments Laboratory
270 N. 12th St. (1)
- 96. Air & Hydraulics Equipment Co.
3825 N. Oakland Ave.
WO 4-1764
- 97. Air Reduction Sales Co.
818 Winnebago St., West (5)
BR 1-2076
- 98. Alomite Co. of Wisconsin
1010 N. Van Buren St. (2)
BR 6-2434
- 99. Allan Engineering Co., Inc.
720 E. Mason St. (2)
BR 6-5230
- 100. Allegheny Ludlum Steel Corp.
3800 N. First St. (12)
WO 4-3500
- 101. Allen-Bradley Co.
224 W. Greenfield Ave. (4)
OR 1-2000
- 102. Allied Tool Products, Inc.
2105 W. Auer Ave. (6)
HI 4-9540
- 103. Allis-Chalmers Manufacturing Co.
2040 W. Wisconsin Ave. (3)
WE 3-1736
- 104. Allrubber Products Co.
612 S. Second St.
BR 3-4900
- 105. Aluminum Co. of America
2040 W. Wisconsin Ave. (3)
DI 2-7110
- 106. American Brass Co., The
1033 W. Bruce St. (4)
- 107. American Emery Wheel Works
1502 S. 44th St. (15)
EV 4-1245
- 108. American Smelting and Refining Co.
4608 W. Burleigh St.
HI 5-7430
- 109. American Steel & Wire Div.
Bankers Bldg. (2)
BR 6-3411
- 110. Ampco Metal, Inc.
1777 S. 38th St. (46)
MI 5-3750
- 111. Anderson & Co., A. A.
3809 W. Vliet St.
- 112. Anderson Co., S. W.
6033 W. Blue Mound Rd. (13)
BL 8-6118
- 113. Archer-Daniels-Midland Co.
3003 W. Hopkins Rd. (1)
- 114. Armco Steel Corp.
725 First Wisconsin National Bank
Bldg. (2)
- 115. Aro Equipment Corp.
2333 W. Wells St. (3)
DI 2-2696
- 116. Babush Co., Joseph S.
2401 N. Maryland Ave. (11)
BR 1-9550
- 117. Badger Bearing Co.
1125 N. Van Buren St. (1)
BR 2-0231
- 118. Barber-Colman Co.
5906 N. Port Washington Rd. (17)
WO 2-7850
- 119. Battree Co., The
6033 W. Blue Mound Rd. (13)
GR 6-0153
- 120. Bauer Supply Co., R. J.
1112 N. Water St. (2)
BR 1-4792

- 121. Bearings, Inc.
1835 W. Walnut
- 122. Beck Co., H. E.
510 E. Kilbourn Ave.
BR 6-3899
- 123. Bell Steel Sales
606 W. Wisconsin Ave.
BR 6-3290
- 124. Bellows Co., The
7530A W. State St. (13)
GR 6-3504
- 125. Bell-Well Sales Co.
1311 N. Water St. (2)
BR 2-2075
- 126. Berry, William E.
729 S. 123rd St. (14)
SP 4-8606
- 127. Best Engineering Co.
4528 W. Greenfield Ave. (14)
EV 3-4818
- 128. Best Equipment Corp.
3820 W. Villard Ave. (9)
HO 1-1440
- 129. Beverly Co., Grant E.
5856 N. Port Washington Rd. (17)
WO 2-2294
- 130. Binzel, Clarence W.
808 N. Third St.
- 131. Blakeslee & Co., G. S.
100 S. Second St. (3)
BR 2-3833
- 132. Bloomer, Wm. S.
743 N. Fourth St.
- 133. Blumberg, Edward W.
953 E. Circle Dr. (11)
WO 2-4404
- 134. Braeburn Alloy Steel Corp.
647 W. Virginia St. (4)
BR 1-2525
- 135. Braun, Alexander F.
2912 W. Wells St. (8)
- 136. Bridgeport Brass Co.
4608 W. Burleigh St. (10)
- 137. Bruce Equipment Co.
2609 W. Mineral St. (4)
OR 1-0430
- 138. Bullard Co., The
6033 W. Blue Mound Rd. (13)
BL 8-4680
- 139. Burns Machinery Co., F. W.
1730 W. North Ave. (5)
FR 4-1540
- 140. Carpenter Bros., Inc.
606 W. Wisconsin Ave. (3)
BR 6-0140
- 141. Carpenter Steel Co., The
4152 N. 35th St. (16)
UP 3-0530
- 142. Carrier Corp.
744 N. Fourth St. (3)
BR 3-8068
- 143. Century Electric Co.
606 W. Wisconsin Ave. (3)
BR 3-6620
- 144. Chain Belt Co.
4532 W. Greenfield Ave. (14)
EV 4-3000
- 145. Chase Brass & Copper Co.
1741 W. St. Paul Ave. (3)
DI 2-7630
- 146. Chavez-Flamme
6411 River Pkwy.
BL 8-9815
- 147. Chicago Pneumatic Tool Co.
5820 W. Blue Mound Rd. (13)
BL 8-2080
- 148. Chicago Rawhide Manufacturing Co.
6915 W. Capitol Dr.
HO 3-5310
- 149. Circo Equipment Co.
3818 N. Hubbard St. (12)
WO 2-3280
- 150. Clague Sales Co.
759 N. Milwaukee St. (2)
BR 2-1961
- 151. Clark Controller Co.
6108 W. Lincoln Ave. (19)
LI 3-5533

WISCONSIN

152. Cleveland Tramrail Milwaukee Co.
7011 North Ave., West (13)
BL 8-9860
153. Collision Tool Supply, Inc.
4517 W. North Ave. (8)
HI 4-3933
154. Colson Corp., The
743 N. Fourth St. (3)
BR 6-3762
155. Columbia Tool Steel Co.
5202 W. Lincoln Ave. (19)
LI 3-5200
156. Continental Industries
3906 N. Sherman Blvd. (16)
UP 3-0899
157. Copps, Inc., J. W.
P. O. Box 116, Sta. F (9)
WO 2-1211
158. Cordes Supply Co.
1125 N. Seventh St. (5)
BR 1-5912
159. Cordon Co., Ray M.
3127 W. Greenfield Ave. (15)
MI 5-1711
160. Crane Packing Co.
3803 N. Oakland Ave. (11)
WO 4-0666
161. Crane, Robert
3700 N. 52nd St. (16)
HI 5-2906
162. Crucible Steel Co.
P. O. Box 6007, Sta. F
4200 W. Douglas Rd. (9)
HO 1-2909-6
163. Currier's Tool Supply Co.
2518 N. 30th St. (10)
HI 4-1334
164. Cutting Tools, Inc.
2890 N. 30th St. (10)
HI 4-7590
165. Daniels Machinery Co., C. R.
4318 N. Alpine Ave. (11)
WO 4-2143
166. Danly Machine Specialties, Inc.
161 W. Wisconsin Ave. (3)
BR 2-1644
167. Dean Machinery Co.
758 N. Broadway
Milwaukee
168. Dengel Co., F. R.
1114 N. Fourth St.
169. Dependable Engineering Service
4407 W. North Ave. (8)
HI 2-6565
170. Detrex Chemical Industries, Inc.
100 W. Secoth St.
BR 6-5190
171. DeVilbiss Co., The
6915 W. Capitol Dr. (16)
HO 3-5850
172. Dickinson & Associates, E. A.
Commerce Bldg.
744 N. Fourth St. (3)
BR 2-0317
173. Diehl Manufacturing Co.
918 N. Van Buren St. (2)
BR 2-0866
174. Dietzgen Co., Eugene
3910 W. Orchard St. (15)
OR 1-1518
175. DoAll Wisconsin Co.
2725 W. Oklahoma Ave.
MI 5-3810
176. Doig Fluid Controls Co.
4385 N. Green Bay Ave. (12)
CO 4-9350
177. Donald Sales & Manufacturing Co.
6601-5 W. State St. (13)
178. Dornier Co., The
P. O. Box 1000 (1)
WO 4-2200
179. Dorr Co., N. W.
5856 N. Port Washington Rd. (17)
WO 4-3770
180. Dorsey Gage Co., Inc.
181. Dyke and Tutch Co.
3253 N. Green Bay Ave. (12)
FR 4-3128-29-30
182. Eckhardt, Howard W.
7516 Oakhill Ave.
183. Ehret & Kinsey
3904 W. Vliet St. (2)
DI 2-7844
184. Ekstrom Co., C. A.
2734 W. Wells St.
DI 2-8440
185. Electric Sales & Engineering Co.
2209 S. First St.
HU 3-4722
186. Electric Supply Corp.
1223 S. 23rd St. (4)
OR 1-1178
187. Elgin National Watch Co.
744 N. Fourth St.
BR 2-5838
188. Ellis Engineering Co., R. E.
743 N. Fourth St. (3)
BR 1-1742
189. Elwood Industrial Sales Co.
735 N. Water St. (2)
BR 1-8218
190. Empire Tool Co.
2300 W. Wisconsin Ave. (3)
191. Engman-Taylor Co., Inc.
2830 W. Stark St. (9)
UP 3-2520
192. Erb, Walter
907 N. Third St. (3)
193. Erbach, John
2325 W. Wells St. (3)
194. Essley Machine Co., The E. L.
5856 N. Port Washington Rd. (17)
WO 4-3310
195. Exact Weight Scale Co., The
6912 W. North Ave. (13)
BL 8-2385
196. Ex-Cell-O Corp.
1413 S. 86th St. (14)
SP 4-3680
197. Factory Supplies, Inc.
1351 W. North Ave. (5)
LO 2-5116
198. Fafnir Bearing Co., The
7136 W. State St. (13)
SP 1-3310
199. Fairbanks, Morse & Co.
1630 S. 38th St. (15)
MI 5-0130
200. Falk Corp.
3001 W. Canal St.
201. Federal-Mogul Div.
647 W. Virginia (4)
202. Fluid Power Equipment, Inc.
3320 N. Green Bay Ave. (12)
203. Ford Tool Co.
9830 W. Bluemound Rd. (13)
SP 4-0980
204. Four States Machinery Co.
4433 W. Lisbon Ave. (8)
UP 3-4010
205. Frankfurth Hardware Co.
521 N. Plankinton Ave.
206. Fraser, Miles E.
757 N. Broadway (2)
BR 6-4929
207. Froelicher, Jim
230 Elmridge Ave.
208. Gardner-Denver Co.
536 W. Wisconsin Blvd. (3)
BR 6-4903
209. Gaulke, Erwin C.
4728 N. Diversey Blvd. (11)
210. General Electric Co.
940 W. St. Paul Ave. (3)
HR 1-5090
211. General Rubber Co.
514-518 W. Walnut St.
FR 4-2720
212. Gerlinger, Inc., Walter
610 W. Michigan St. (3)
BR 1-0673
213. Giannoni Co., A. T.
2332 S. Kinnickinnic Ave. (7)
SH 4-0220
214. Gifford & Co., Ed
6471 W. Fond du Lac Ave. (2)
HO 3-6400
215. Goble, R. D.
2837 N. 50th St.
HI 5-3340
216. Gordon Co., Claud S.
647 W. Virginia St. (4)
217. Grimstad Co., J. M.
8320 W. Bluemound Rd. (13)
BL 8-5200
218. Gute Co.
606 W. Wisconsin Ave. (3)
BR 6-2422
219. Haker Co., F. D.
4225 W. Burnham St.
EV 4-8550
220. Hammond Co., Larry
1551 N. 35th St. (8)
DI 2-6822
221. Hanson-Van Winkle-Munning Co.
759 N. Milwaukee St.
BR 2-0074
222. Harnischfeger Corp.
4601 W. Beloit Rd. (46)
OR 1-4400
223. Hatch Co., Inc. Gordon
531 W. Wisconsin Ave. (3)
BR 1-3021
224. Haven Co., Charles D.
5856 N. Port Washington Rd. (17)
WO 4-2880
225. Henrickson, C. A.
P. O. Box 1715
OR 2-0549
226. Hillert, Alfred
4418 N. 107th St.
227. Holt Electric Motor Co.
S. Fifth at W. Pierce St. (4)
MI 5-5680
228. Houghton & Co., E. F.
10031 W. Lisbon Ave. (16)
HO 2-0770
229. I-T-E Circuit Breaker
210 W. Michigan (3)
BR 1-7900
230. Industrial Hydraulic Co.
5404 W. Vliet St. (8)
BL 8-3500
231. Industrial Machinery Corp.
810 W. National Ave.
OR 2-5900
232. Ingberman Co., Thomas C.
500 W. National Ave.
OR 2-7600
233. Ingersoll-Rand Co.
4345 S. 20th St. (14)
EV 4-5335
234. Inland Steel Co.
208 E. Wisconsin Ave. (2)
BR 6-4921
235. Interstate Supply & Equipment Co.
647 W. Virginia St. (4)
BR 6-4790
236. Jackson, R. H.
5594 N. Hollywood Ave. (11)
ED 2-1067
237. Jacobs Co., Morris F.
308 W. North Ave. (12)
238. Janette Electric Manufacturing Co.
1801 W. Atkinson (6)
UP 1-4200
239. Johnson Sales, Inc.
1731 W. Hampton Ave.
EV 4-2960
240. Jones, Leonard H.
3144 N. 53rd St. (16)
HI 2-7045
241. Jordan Tool Sales Co.
7727 W. Burleigh St. (10)
HI 5-6800
242. Kaiser Aluminum & Chemical Sales,
Inc.
1701 W. Wisconsin Ave. (3)
WE 3-5864

SALES OFFICES

WISCONSIN

MILWAUKEE (Cont.)

243. Keir Co., Earl W.
9624 W. Capitol Dr. (16)
HO 1-3093
244. Kel-Sir Co.
2700 W. Concordia Ave. (16)
HI 5-1550
245. Kemp-Manning Sales Co.
3316 W. Wisconsin Ave. (8)
GR 6-8438
246. Kendall Machine & Tool Sales
2861 N. Downer Ave. (11)
WO 4-9440
247. Kennametal, Inc.
744 N. Fourth St. (3)
NR 6-0768
248. Kerns Co., L. R.
2333 W. Wells St.
DI 2-1786
249. Keystone Pipe & Supply
3232 W. Fond du Lac (10)
250. Kindt-Collins Co., The
2128 W. National Ave.
OR 2-6954
251. King, E. A.
2859 S. 43rd St.
252. Kleinhans, L. W.
2041 W. State St. (3)
DI 2-7900
253. Klinger, William A.
743 N. Fourth St. (3)
BR 1-7380
254. Knoller, Marvin A.
4908 N. Cumberland Blvd. (17)
WO 4-8984
255. Knudsen, Fritz R.
2666 N. Humboldt, Apt. #11
LO 2-9004
256. Knuth Co., Adam
3805 W. Vliet
DI 4-1630
257. Korf & Co., Albert F.
8221 N. Pelican (9)
FL 1-8450
258. Kramer Industrial Sales Co.
4117 W. North Ave. (8)
HI 2-9680
259. Kuehn Co., N. L.
3747 Booth St., North
WO 4-3300
260. Kuster, Ed M.
2915 N. 38th St. (10)
HI 3-3324
261. Ladky & Associates, Frank W.
4604 N. Wilson Dr. (11)
WO 2-2942
262. Lakeshore Machinery Co.
2200 N. 11th St.
CO 4-4817
- 262A. Latrobe Steel Co.
2040 W. Wisconsin Ave. (3)
263. Lawson Sales
3913 N. 35th St. (16)
UP 3-4113
264. Learned & Furey Co.
2316 W. Vliet (5)
265. Leeds & Northrup Co.
828 N. Broadway (2)
BR 2-1016
266. Leighton Co., Harry W.
743 W. Fourth St.
267. Leonard Co.
1401 N. Broadway
268. Libke Tool Sales Co.
5025 N. Woodburn St.
269. Lima Electric Motor Co., Inc., The
4003 W. Capitol Dr. (16)
HI 4-3850
270. Lincoln Electric Co., The
5300 N. Sherman Blvd. (9)
HO 3-5300
271. Lincoln Engineering Co. of Wisconsin,
Inc.
3057 N. 35th St. (10)
UP 1-9400
272. Lindberg Engineering Co.
9137 W. Lisbon Ave. (16)
HO 2-3420
273. Linds Co.
1623 S. 35th St. (46)
MI 5-2200
274. Linnehan Welding Supply Co.
3235 W. Cameron Ave. (9)
UP 3-7170
275. Lorco Corp.
11016 W. Becher St. (19)
LI 5-4100
276. Luther and Pedersen, Inc.
5856 N. Port Washington Rd. (17)
WO 4-4710
277. M & H Engineering, Inc.
5624 W. Vliet St. (8)
GR 6-8003
278. Macco Products Co., The
4303 N. 19th Pl.
LO 2-0448
279. Machinery & Welder Corp.
3623 W. National Ave. (15)
MI 5-1790
280. MacKinnon, Robert P.
312 E. Wisconsin Ave. (2)
FR 2-3328
281. Madigan Co., Dan F.
871 E. Silver Spring Ave. (17)
ED 2-3190
282. Maintenance Supply Co.
4414 S. Burrell St. (7)
SH 4-3969
283. Mallory & Co., Inc., P. R.
710 N. Plankinton Ave., (3)
BR 3-5997
284. Manecke, Don R.
739 N. Broadway (2)
BR 6-4256
285. Marathon Electric Manufacturing
Corp.
316 E. Silver Spring Dr.
WO 2-7500
286. Marlin-Rockwell Corp.
3904 W. Vliet St. (8)
DI 2-6864
287. Marshall & Huschar Machinery Co.
5624 W. Vliet St. (8)
BL 3-3118
288. Martin, Harold
744 N. Fourth St. (3)
BR 3-5838
289. Matthews & Co., Jas. H.
3777 S. 54th St. (19)
BR 6-0710
290. McCoy, John L.
4003 W. Capitol Dr. (16)
UP 1-9150
291. Mercer Co., The
4738 W. Lisbon Ave. (8)
HI 4-0106
292. Merit Machine Tools Co.
225 E. Detroit St. (2)
BR 1-2768
293. Merwin-Stoltz Co.
228 S. First St.
BR 2-0211
294. Metal Carbides Corp.
743 N. Fourth St. (5)
BR 1-7380
295. Meuler, A. C.
536 W. Wisconsin Ave. (3)
BR 6-4548
296. Mezey, Andrew
4528 S. Sheffield (11)
ED 2-0657
297. Mid-West Hydraulics
8033 W. Blue Mound Rd.
GR 6-3981
298. Mielke and Bemm, Inc.
1409 N. 27th St. (8)
DI 2-6211
299. Milhaupt Co., H. A.
407 E. Michigan St. (2)
NR 2-0741
300. Miller, C. O.
4233 N. Larkin St. (11)
ED 2-4706
301. Miller Co., George A.
1324 W. Wisconsin Ave. (3)
DI 2-8263
302. Milwaukee Chaplet & Supply Corp.
8656 W. National Ave. (14)
303. Milwaukee Mill Supply Co.
10930 W. Potter Rd. (13)
BL 8-2490
304. Morman Belting & Supply Co., Inc.
4275 N. 35th St. (3)
HI 5-3191
305. Morse Chain Co.
5856 N. Port Washington Rd. (17)
WO 2-3330
306. Mortensen Industrial Supply Co.
3811 N. Port Washington St. (12)
CO 4-2210
307. Mueller Co., Clarence H.
2608 N. 73rd St. (10)
308. National Lock Washer Co., The
241 E. Erie St. (2)
309. National Refining Co.
2310 S. 27th St.
EV 4-1090
310. National Utilities Co.
4934 N. 29th St. (9)
311. Nebel Engineering Co.
2211 N. Prospect Ave. (2)
BR 2-4220
312. Neff Engineering Co.
5856 N. Port Washington Rd. (17)
313. Neff, Kohlbusch & Bissell, Inc.
5814 W. Burleigh St. (10)
HI 4-9345
314. Nelson, Ed
8629 W. Greenfield Ave.
WE 3-4166
315. Nelson, L. R.
9421 W. North Ave. (13)
GR 6-0229
316. Nelson Sales Co.
8629 W. Greenfield (14)
BL 8-0810
317. Nelson Stud Welding
6040 W. Lisbon Ave. (10)
HI 4-4516
318. New Departure Div.
647 W. Virginia St. (4)
BR 5-4840
319. Newman Co., Fred
153 E. Silver Spring Dr. (17)
ED 2-1255
320. Nichol Machinery Co.
637 N. Seventh St. (3)
BR 1-4044
321. Norman Engineering Co.
4449 N. 54th St. (4)
BR 2-0352
322. Northern Gases & Supplies
1831 W. Atkinson Ave.
323. Northwestern Hardware Co.
1209 N. 3rd St.
324. O'Connor Co., M. J.
239 W. Center St. (11)
CO 4-7090
325. O'Donohue Sales Co.
3818 N. Hubbard St. (12)
WO 2-3250
326. Ove Metal Products Co., Val W.
1348 N. 37th St.
DI 2-7220
327. Ozalid Branch Office
4821 N. 32nd St., (9)
HI 2-4640
328. Paatsch Co., Fred C.
647 W. Virginia St. (4)
BR 1-8600
329. Pagel Machinery Co.
3430 N. 57th St. (16)
330. Pagel Safety Products, Inc.
4611-15 W. National Ave. (14)
MI 6-4141
331. Pangborn Corp.
821 E. Oklahoma Ave. (7)
HU 1-0380
332. Papke Co., Inc., K. J.
406 N. Water St. (2)
BR 1-1012

WISCONSIN

333. Parsons-Caro Co.
125 E. Wells St. (2)
BR 6-5848
334. Parts Co.
2406 W. Greenfield Ave.
EV 3-4807
335. Patzke Supply Co., O. F.
828 N. Broadway (2)
BR 2-3099
336. Pavlic Engineering & Sales
149 N. 74th St. (13)
337. Pearce Tool & Gage Co.
743 N. Fourth St. (3)
338. Peterson, Elmer
2300 W. Wisconsin Ave. (3)
DA 2-8400
339. Polachek, Charles S.
1500 E. Fair Chasm Rd. (17)
FL 2-8650
340. Pratt & Whitney Co., Inc.
9217 W. Center St. (10)
GL 3-7650
341. Precision Grinding Wheel Co., Inc.
2329 W. Wells St. (3)
DI 4-7075
342. Prescott, Fred H.
828 N. Broadway (2)
BR 3-4807
343. Price Engineering Co.
4006 N. 42nd St. (16)
UP 3-1181
344. Production Equipment, Inc.
10842 W. Wisconsin Ave. (13)
GR 6-6075
345. Putrow Industrial Service (4)
647 W. Virginia St. (4)
BR 2-7768
346. Pyro-Matic Industrials
500 W. National Ave. (4)
EV 4-9300
347. Redi-Products Co.
211 S. Second St.
BR 3-4806
348. Reichhold Chemicals, Inc.
1409 N. 27th St. (8)
WE 3-1550
349. Reliance Electric and Engineering Co.
1410 E. Capitol Dr. (11)
WO 2-8300
350. Revere Copper and Brass, Inc.
828 N. Broadway (2)
351. Rex Tool Co., Inc.
2633 W. Clybourn St. (3)
WE 3-4078
- 351A Reynolds Metals Co.
1412 Majestic Bldg. (3)
352. Richards-Badger-Packard Co.
3423 W. Vliet St. (8)
WE 3-8860
353. Richards Machinery Co., L. L.
6455 W. River Pkwy. (13)
SP 1-3120
354. Richardson Co., The
743 N. Fourth St. (3)
BR 2-1993
355. Rickert Industrial Supply Co.
4247 N. 35th St. (16)
HI 5-0265
356. Riley & Co., Inc., Donald E.
5531 W. North Ave. (8)
UP 1-9570
357. Ritter Engineering Co.
5120 Blue Mound Rd. (8)
358. Robillard Co., W. E.
4528 W. Greenfield Ave. (14)
EV 3-4818
359. Robinson, C. R.
2965 N. 68th St. (10)
GR 6-2041
360. Roloff Engineering Co.
8407 W. Lisbon Ave. (16)
HO 2-0369
361. Rose Co., Walter A.
1347 N. 37th St. (8)
DI 2-7220
362. Rotor Tool Co., The
2325 W. Wells St.
DI 2-1961
- 362A Rundle Spence Manufacturing Co.
445 N. Fourth St.
363. Ryerson & Son, Inc., Joseph T.
Box 534 (1)
GL 3-8000
364. Schaller Co., Wm. J.
5200 N. Santa Monica Blvd. (17)
BR 2-1116
365. Schimmelpfennig, Arthur
10930 W. Potter Rd. (13)
BL 8-2490
366. Schneider Equipment Sales
905 S. 28th St. (15)
MI 5-7850
367. Schneider Associates, John H.
101 W. Dunwood Rd. (17)
FL 2-6226
368. Schuener Sales, Ed
2625 N. 111th St. (13)
GL 3-2960
369. Schuette Industrial Sales
6040 W. Lisbon Ave. (10)
HI 4-4560
370. Schultz Co., E. L.
3239 N. 79th St.
HI 4-7001
371. Screw Machine Tool & Supply Co.
647 W. Virginia St. (4)
BR 1-8600
372. Searle, B. E.
9373 N. Lake Dr.
WE 9-7803
373. Serio, Len
3525 N. 60th St.
UP 3-3376
374. Shadbolt & Boyd Co.
413 N. Second St. (1)
BR 6-0682
375. Sharon Steel Corp.
716 First Wisconsin National Bank
Bldg. (2)
376. Simeth Co., E. L.
2406 W. Greenfield Ave. (2)
OR 2-2057
377. Sinclair-Collins Valve Co.
8531 W. Capitol Dr. (16)
HO 4-4626
378. Sinclair Refining Co.
301 E. Washington St.
379. Skil Corp.
9209 W. Bluemound Rd. (13)
GL 3-1872
380. Smit & Sons of Michigan, Inc., J. K.
6915 W. Capitol Dr. (16)
- 380A Smith Corp., A. O.
(1)
381. Snap-on Tools Corp.
3450 N. 84th St. (16)
UP 1-3220
382. Speaker Conveyor Sales, Inc.
316 E. Silver Spring Dr. (17)
WO 2-8900
383. Spence Corp.
2045 W. St. Paul Ave. (3)
WE 3-2967
384. Staley Co., John A.
7316 W. Maple Ter. (13)
GR 6-1772
385. Standard Oil Co.
5310 W. Capitol Dr. (16)
HI 2-8916
386. Standard Supply Co.
8407 W. Lisbon Ave. (16)
HO 2-0151
387. State Machine Tool Co.
506 W. National Ave. (4)
OR 2-2290
388. Stecker, Robert M.
7513 W. Grantosa Dr. (18)
HI 4-5238
389. Steel Sales Corp.
2400 W. Cornell St. (9)
HI 2-2020
390. Sterling Electric Motors, Inc.
153 E. Silver Spring Dr. (17)
ED 2-1255
391. Stevens, Inc., Frederic
531 S. Water St.
BR 6-6930
392. Stoffel Equipment Co.
5300 N. Sherman Blvd. (9)
HO 3-6900
393. Stoffregen Co., Inc., Karl W.
430 W. Acacia Rd. (17)
FL 2-8181
394. Stoltz Co., Merwin
228 S. First St. (4)
BR 2-0211
395. Stone-Logan Corp.
706 S. Fifth St. (4)
EV 4-0858
396. Stowers & Co., Inc.
5100 W. Good Hope Rd. (18)
397. Strutz & Mead
2332 W. Vliet St. (5)
DI 4-4346
398. Superior Welding Supply Co.
2518 W. Lisbon
399. Syntrol Milwaukee Sales Co.
3904 W. Vliet St. (8)
DI 2-6010
400. Taylor-Ingman Co., Inc.
2630 W. Stark St. (9)
UP 3-2520
401. Ternes Tool Sales
155 E. Silver Spring Dr. (17)
WO 2-1023
402. Thompson Co., C. L.
4417 W. Lisbon Ave. (8)
HI 4-4817
403. Timken Roller Bearing Co., The
4444 W. Capitol Dr. (16)
HI 2-9444—HI 2-9446
404. Thor Power Tool Co.
3911 W. Greenfield Ave. (15)
MI 5-2016
405. Tools and Abrasives, Inc.
1506 W. Pierce St. (46)
406. Tool and Die Supply Co.
647 W. Virginia St. (4)
BR 1-8600
407. Torrington Co., The
9019 W. Lisbon Ave. (16)
HO 2-3400
408. Triplex Supply Co.
830 N. Third St. (3)
BR 1-7566
409. Udyllite Corp., The
629 W. Vliet St. (12)
BR 2-4147
410. Ulichny Machine & Tool Co., A. J.
10031 W. Lisbon Ave. (16)
HO 3-4650
411. Union Carbide Plastics Co.
2040 W. Wisconsin Ave. (3)
DI 4-7050
412. U. S. Electrical Motors, Inc.
1324 W. Wisconsin Ave. (3)
DI 4-1793
413. Universal-Cyclops Steel Corp.
P. O. Box 183 (13)
SP 1-3140-41
414. Universal Safety Equipment Co.
3155 S. Seventh St. (7)
415. Urschler, L. J.
5620 N. 70th St.
HO 6-6096
- 415A Valeron Corp., The
Valenite Metals Div.
6033 W. Bluemound Rd.
416. Valvair Corp.
8531 W. Capitol Dr. (16)
HO 4-4620
417. Vascoloy-Ramet Corp.
5715 W. National Ave. (14)
GR 6-7430-31
418. Vickers, Inc.
7731 W. Burleigh Ave. (10)
UP 1-0860
419. Viking Pump Co.
710 N. Sixth St. (3)
BR 6-0807
420. Viking Welding Supply Co.
1409 S. Barclay St. (4)

SALES OFFICES

WISCONSIN

MILWAUKEE (Cont.)

421. Voell Machinery Co., W. A.
5835 W. Bluemound Rd. (13)
GR 6-0990
422. W. E. H. Co.
155 E. Silver Spring Dr. (17)
423. Waite, Inc., J. P.
3304 W. Pierce St.
P. O. Box 313 (1)
424. Wakefield-Krauthoff Co.
3709 Fond du Lac Ave. (16)
UP 1-3381
425. Wales Strippit, Inc.
2333 W. Wells St. (3)
WE 3-0858
426. Ward & Kennedy Co.
1225 N. Water St. (2)
427. Warner & Swasey Co., The
2040 W. Wisconsin Ave. (3)
DI 2-7096
428. Weatherhead Co., The
7317 Potomac Ave. (16)
HO 1-8833
429. Weatherhead Co., The
3208 N. 40th St.
UP 1-7859
430. Weber & Co., H. J.
2333 W. Wells St. (3)
DI 2-6717
431. Weirton Steel Co.
735 N. Water St.
BR 2-1893
432. Wesson Co.
312 E. Wisconsin
BR 3-5244
433. Western Iron Stores Co., The
101-103 W. Capitol Dr. (1)
WO 4-2600
434. Westinghouse Air Brake Co.
1706 S. 68th St. (14)
GR 6-0891
435. Wieand, Henry
312 E. Wisconsin Ave., Ste. 208 (2)
FR 2-3328
436. Wilkinson-Capistran, Inc.
3813 N. 35th St. (16)
HI 4-1000
437. Williams-Collins
2409 W. State St. (3)
DI 2-3850
438. Wilson Co., Inc., J. D.
4831 W. State St. (8)
GR 6-9500
439. Wisconsin Bearing Co.
1310 S. 43rd St. (14)
OR 2-9220
440. Wisconsin Industrial Truck Co., Inc.
3040 W. Capitol Dr.
441. Wisconsin Solvents and Chemicals
Corp.
1719 S. 83rd St. (14)
GR 6-2630
442. Wisconsin Tool & Machine Co., Inc.
6328 W. North Ave. (13)
443. Wismer Co., N. A.
2369 N. 112th St. (13)
SP 1-3736
444. Wolff Co., Harvey A.
Plankinton Bldg. Suite 3142 (3)
BR 1-4522
445. Zagar, Inc.
647 W. Virginia St. (4)
BR 2-3842
446. Zimmerman, E. L.
1112 N. Water St. (2)
BR 1-4795

OCONOMOWOC

447. Williams, Maurice L.
P. O. Box 91
805 Lincoln Ct.
LO 7-5750

OSHKOSH

448. Badger Mill Supply Co.
1918 Algoma Blvd.
ST 2438
449. Boehme, John
423 Hazel St., Box 1025
450. Hart Supply Co.
101 Otter Ave.
P. O. Box 918
RE 1-2550

PEWAUKEE

451. Miller, Joseph E.
Box 31D, Route 2
Phone: Milwaukee SU 3750

RACINE

452. Akroline
617 Gould St.
ME 4-5642
453. Boerger Co., Fred
3434 N. Main St.
ME 3-6511
454. General Industrial Supply Co.
816 Sixth St.
ME 4-3371
455. Gorton Machine Co., George
1321 Racine St.
ME 4-6644
456. H-K Engineering Associates
1524 Main St.
ME 4-5044
457. Hartmann Manufacturing Co.
1637 Gould St.
ME 7-4437
458. Holbik, Frank
617 Gould St.
459. Machinery & Factory Equipment Co.
1219 Douglas Ave.
ME 4-3381
460. Menzel, J. H.
1523 Deane Blvd.
ME 2-1918
461. Mohr-Jones Hardware Co.
213-321 Sixth St.
ME 2-2724
462. Precise Products Co.
3715 Blue River Rd.
463. Tollaksen, Gordon
1516 Washington Ave.
ME 2-2345
464. True-Trace Sales Corp.
2401 Eaton La.
ME 4-8233
465. Zimmerman, R. H.
1529 Kentucky

RIVER FALLS

466. Teppen, T. H.
725 Union St.
HA 5-5413

SHAWANO

467. Ross, Henry I.
Route 2, Box 331A

SOUTH MILWAUKEE

468. Lange Service Associates, Louis A.
641 Hawthorne Ave.
SO 2-2216
469. Somil Equipment & Supply Co.
415 Menomonee Ave.
SO 2-3880

WATERFORD

470. J. P. Equipment Co.
Box 304

WAUKESHA

471. Automatic Welding Co.
Airport Rd., P. O. Box 331
LI 2-4411

472. Osborn & Sons, Inc., Louis
P. O. Box 83
GA 2-1800

473. Otis, III, R. Chester
138 S. Grand Ave., Apt. 4
LI 2-5567

474. Riley, R. A.
409 E. Wabash Ave.
LI 7-7873

WAUSAU

475. Northern Welding & Supply Co.
716 Jefferson St.
476. Production Equipment, Inc.
1003 Sylvant St.
Phone: 6-4825

WAUWATOSA

477. Anderson, W. E.
614 N. 72nd St. (13)
BL 8-8960
478. Badger Power Tools
11427 W. Blue Mound Rd. (13)
479. Blatz, Ed. H.
4416 N. 109th St. (18)
HO 2-2846
480. DuBrucq, T. E.
2728 N. 73rd St. (10)
SP 4-1410
481. Hoffmann, N. E.
8623 W. Hawthorne Ave. (13)
GL 3-2229
482. Lohmann Industrial Equipment Co.
2243 N. 65th St.
483. Manecke, Don R.
P. O. Box 177 (13)
GL 3-9393
484. Mercer & Sons, Harold H.
P. O. Box 24
8121 Hillcrest Dr. (13)
BR 2-2411
485. Richards Machinery Co., O. L.
6455 W. River Pkwy.
SP 1-3120
486. Smallshaw, John W.
P. O. Box 81
BR 3-5826
487. Stang, Wm. G.
4606 N. Parkside Dr. (18)
HO 3-4760
488. F. P. Tool Service
P. O. Box 254 (13)
GR 6-1325
489. Wapakoneta Machine Co., The
6513 Revere Ave. (13)
BL 8-6059

WEST ALLIS

490. Ex-Cell-O Corp.
1413 S. 86th St.
P. O. Box 2554 (14)
SP 4-3680
491. Knoblauch & Associates, Robert S.
P. O. Box 2838
SP 4-5150
492. Michigan Tool Co.
1413 S. 86th St.
P. O. Box 2554 (14)
SP 4-3680
493. Victory Steel Supply Co.
679 S. 76th St. (14)

WEST RACINE

494. Wickman Manufacturing Co.
P. O. Box 927
ME 2-1273

WHITEFISH BAY

495. Nansen, C. E.
5000 N. Lake Dr.
ED 2-0123

SALES OFFICES

WYOMING

CASPER

1. Casper Supply Co.
444 S. Center St.
2. Emrick & Hill Engine & Equipment Co.
1701 E. Yellowstone
P. O. Box 1811
3. Industrial Distributors, Inc.
310 S. Spruce St.
Phone: 2-1574
4. Swan Specialties Co.
1104 E. Yellowstone
Box 515
5. United States Welding Supply, Inc.
137 N. Center St.
6. Wyoming Automotive Co.
626 W. Yellowstone
7. Wyoming Builders Service
340 N. Lincoln

CHEYENNE

8. Ideal Laboratory Tool & Supply Co.
Box 193

CANADA
ALBERTA

CALGARY

1. Allis Chalmers Manufacturing Co.
709 Eighth Ave., West
Phone: 25856
2. Brodersen, Jr., T.
1904 Tenth Ave., Northwest
725 11th St.
3. Canadian Fairbanks-Morse Co.
725 11th St.
4. Carrier Corp.
215A Tenth St., Northwest, Rm. 8
CA 872277
5. Clarke Industrial Sales, Ltd.
5220 1A St., Southeast
6. Hughes-Owens Co., Ltd., The
811 Third St., Southwest
7. Inman Industries, Ltd.
5507 First St., Southeast
CH 3-3333
8. Joy Manufacturing Co., Ltd.
737 Second Ave., Southwest
3035 Morley Trail
9. Lovsted & Co., (Canada), Ltd., C. M.
3035 Morley Trail
10. Peacock Brothers, Ltd.
1027 11th Ave., Southwest
CH 4-8901
11. Williams Machinery Co. Western Ltd.,
A. R.
2235 15th St., East
Phone: 54443-54491-54425
12. Williams Western Machinery, Ltd.
A. R.
1143 42nd Ave., Southeast
CH 3-7656-7-8

EDMONTON

13. Akhurst Machinery Co., W. A.
10301 109th St.
Phone: 44463
14. Canadian Fairbanks-Morse Co., Ltd.
10255 104th St.
15. Clark Controller Co., The
16. Clarke, Ltd., H. F.
10554 109th St.
17. Gorman's, Ltd.
10238 104th St.
Phone: 4-6404
18. Hughes-Owens Co., Ltd., The
10326 101st St.
19. Latta, Alex
12143 68th St.
Phone: 792067
20. Lovsted & Co. (Canada), Ltd., C. M.
10330-4 108th St.
21. Mainline Equipment, Ltd.
10347 73rd Ave.

22. Mechanics Supply Co.
10234 103rd St.

23. Noranda Copper & Brass, Ltd.
10320 104th St.

24. Northern Hydraulic Services, Ltd.
5710 103A St.
Phone: 393941

25. Pacific-Northwest Imports, Ltd.
9949 77th Ave.
Phone: 3-35847

26. Peacock Brothers, Ltd.
10323 78th Ave.
Phone: 33-6458

27. Petro-Automation Industries, Ltd.
P. O. Box 72
Phone: 55-3673

28. Premier Industrial, Ltd.
9649 101A Ave.
Phone: 4-4191

29. Rudel Machinery Co., Ltd.
6803 104th St.
Phone: 393253

30. Steel-Weld Machine Co., Ltd.
9915 65th Ave.
Phone: 393670

31. Upton Braden & James, Ltd.
14720 91st Ave.

32. Wall Colmonoy (Canada) Ltd.
10831 62nd Ave.
GE 9-1080

33. Williams Machinery Western, Ltd.,
A. R.
9810 62nd Ave.
P. O. Box 2240
Phone: 394935

LETHBRIDGE

34. West Canadian Machine Co., Ltd.
P. O. Box 221

BRITISH COLUMBIA

CHILLIWICK

35. Williams Machinery Western, Ltd.,
A. R.
485 S. Young Rd.
CWK 25511

HOLLYBURN

36. Ross & Sons, Ltd., Frank T.
4384 Ross Crescent
West Vancouver

KELOWNA

37. Williams Machinery Western, Ltd.,
A. R.
1637 Water St., Box 1511
KEL 4240

NEW WESTMINSTER

38. Arvis Engineering, Ltd.
105 Royal Ave.
LA 2-8677
39. Raeside Industrial Supply
722 Front St.
40. Swan & Co., Ltd., T.
819 Carnarvon St.

NORTH VANCOUVER

41. North Columbia Process Equipment,
Ltd.
1234 Marine Dr.
WI 5711
42. Thompson, Ltd., Charles L.
5093 Woodbine Dr.
YU 8-2597

PRINCE GEORGE

43. Williams Machinery Western, Ltd.,
A. R.
339 Second Ave.
LO 4-4727

BRITISH COLUMBIA

VANCOUVER

44. Akhurst Machinery Co., Ltd., W. A.
215 W. Second Ave. (10)
EM 4191
45. Allis-Chalmers Manufacturing Co.
1200 Pender St.
MU 1-3496
46. B. C. Conveying Machinery, Ltd.
2300 Fraser St.
47. B. C. Equipment Co., Ltd.
551 Howe St. (1)
MA 2511
48. Balfour Guthrie (Canada) Ltd.
744 Hastings St., West (1)
49. Barber Machinery Co., F. F.
242 Terminal Ave.
TA 3539
50. Bertram & Sons Co., Ltd., John
1629 Venables St. (6)
51. Black Brothers, Ltd.
1200 Hornby St. (1)
MA 6221
52. Canadian Fairbanks-Morse Co., The
798 Beatty St.
53. Canadian Lift Truck Co., Ltd.
1030 W. Sixth Ave. (9)
54. Clarke (BC) Ltd., H. F.
421 W. Broadway (10)
55. Coast Tools, Ltd.
539 E. Hastings St. (4)
MA 1510
56. Davis Automatic Controls, Ltd.
1332 Powell St. (6)
HA 7230
57. Deane & Co., B. W.
2032 W. First Ave.
CH 2973
58. Drummond McCall & Co., Ltd.
119 W. Pender St.
MU 3-5050
59. Elworthy & Co., Ltd.
1625 Franklin St.
HA 7610
60. Engineering & Machinery, Ltd.
1172 Davie St. (5)
TA 7538
61. Galbraith & Sulley, Ltd.
1331 W. Sixth Ave. (9)
CH 5121
62. Hughes-Owens Co., Ltd.
569 Richards St.
63. Hydraulic Service & Equipment
368 W. Fourth Ave.
64. Industrial Air Controls, Ltd.
822 Homer St. (3)
MU 1-9485
65. Inman Industries, Ltd.
5405 West Blvd. (13)
KE 1816
66. Johnston Co., Ltd., R. E.
1250 Homer St. (3)
67. Joy Manufacturing Co. (Canada) Ltd.
1956 W. Broadway (9)
68. Loney & Sons, Herbert J.
310 Water St. (3)
TA 7817
69. Lovsted & Co., Ltd., C. M.
1726 W. Fifth Ave. (9)
BA 6541
70. Marathon Equipment & Supply Co.,
Ltd.
3410 W. Broadway
71. Malkin & Pin Industrial Supplies
2106 Main St. (9)
EM 7121
72. Marsden Equipment Co.
1358 Seymour (2)
PA 9026
73. McLennan, McFeely & Prior, Ltd.
99 Cordova St., East
74. McLeod & Norquay, Ltd.
2165 W. Tenth Ave. (9)
BA 2012
75. Noranda Copper & Brass, Ltd.
1494 Powell St.
76. Overseas Commodities, Ltd.
P. O. Box 2337 (3)
MU 4-8531

SALES OFFICES

BRITISH COLUMBIA

VANCOUVER (Cont.)

77. Pacific Industrial Supplies
505 Clark Dr. (6)
78. Peacock Brothers, Ltd.
Burrard at Seventh Ave. (9)
BA 3185
79. Powell, James
2812 W. 12th Ave.
80. Preston Woodworking Machinery Co., Ltd.
4502 Main St. (10)
81. R & M Bearings Canada
1066 Seymour St.
MA 2167
82. Renold Chains Canada, Ltd.
1066 Seymour St.
MA 2167
83. Rudel Machinery Co., Ltd.
535 Hastings St., East
MU 1-7595
84. Russell, Gordon
1661 W. Fifth Ave. (9)
85. Ryder Machinery Co., Ltd., J. H.
2120 Main St.
EM 9424
86. Scott-Foster
1215 Clark Dr.
HA 9340
87. Sherman, Ltd., N. C.
1156 W. Pender St.
FA 1588
88. Singer, Eric
345 W. 13th Ave. (10)
89. Spear (Western) Ltd., R. E.
188 W. Fifth Ave. (10)
90. Sterling Electric Motors, Inc.
806 Beach Ave.
FA 5221
91. Tridel Equipment, Ltd.
1585 W. Georgia St. (5)
TA 9674
92. Upton, Bradeen & James, Ltd.
215 W. Second Ave. (10)
EM 4191
93. Valvoline Oil Co. of Canada, Ltd.
105 Third Ave. West (10)
DI 9151
94. Vancouver Parts Co., Ltd.
120 W. Fourth Ave. (10)
95. Wales Stripplitt, Inc.
736 Granville St.
MU 4-3516
96. West, Ltd., A. E.
119 W. Pender
FA 5853
97. Western Equipment Co., Ltd.
102 Main St.
MU 4-2331
98. Wickman, Ltd., A. C.
193 E. Hastings St.
Ford Bldg.
MA 5641
99. Williams Machinery Co., Western, Ltd., A. R.
495 Railway St. (4)
TA 9411

VICTORIA

100. Canadian Fairbanks-Morse Co.
1400 Broad St.
101. Western Equipment Co., Ltd.
2003 Government St.
GI 413
102. Williams Machinery Western, Ltd., A. R.
P. O. Box 848
2018 Douglas St.
VIC 4-7623

MANITOBA

ST. LAURENT

103. Mohawk Saw Co., Ltd.
1865 Bois Franc Rd.
P. O. Box 84
RI 4-4937

WINNIPEG

104. Ackland & Sons, Ltd., D.
65 Higgins Ave.
105. Allis Chalmers Manufacturing Co.
56 Albert St.
Phone: 92853-5
106. Bearing Supply & Service Co., Ltd.
472 Notre Dame Ave. (2)
WH 3-4405
107. Bertram & Sons Co., The John
10 Robinson St.
JU 6-6918
108. Canadian Fairbanks-Morse Co.
114-140 Garry St.
109. Clark Controller Co., The
110. Clark (Man.) Ltd., H. F.
1416 Erin St.
111. Cuthbert Co., Ltd., The
19 McPhillips St. (3)
SP 4-3529
112. Davis Automatic Controls, Ltd.
801 Wellington Ave. (3)
113. Hughes-Owens Co., Ltd., The
464 Hargrave St.
114. Johnston Equipment Co., Ltd., G. N.
P. O. Box 31 (5)
CH 7-8696
115. Joy Manufacturing Co.
63 Albert St. (2)
116. Lyman Tube & Bearings, Ltd.
370 Notre Dame Ave.
Phone: 934-978
117. Mechanical Valve & Engineering
670 Main St. (2)
Phone: 926713
118. Peacock Brothers, Ltd.
168 Market St.
WH 3-3160
119. Power Transmission Equipment Co.
783 Main St.
Phone: 59-1472
120. R & M Bearings Canada
1302 Notre Dame Ave.
121. Renold Chains Canada, Ltd.
1302 Notre Dame Ave.
122. Ross Equipment & Supply Co.
837 Sargent Ave.
123. Rudel Machinery Co., Ltd.
99 Isabel St.
WH 3-9297
124. Ryder Machinery Co., Ltd., J. H.
1735 Sargent Ave. (12)
SP 2-0376
125. Sadler Co., Ltd., G. W.
658 King Edward St. (12)
126. St. Mars, Ltd., Joseph
103 Princess St.
WH 3-5505
127. Spear, Ltd., R. E.
885 Wall St.
Phone: 933-406
128. Taylor Machinery Co., Ltd., T. S.
1600 Portage Ave.
SP 4-4577
129. Thompson, Ltd., Charles L.
87 King St.
WH 3-8231
130. Upton, Bradeen & James, Ltd.
612 Broadway
SP 5-2579
131. Western Sound Service, Ltd.
Portage Ave. (2)
132. Williams Machinery, Ltd., A. R.
644 McGee St., (3)
SP 4-4458

NEW BRUNSWICK

MONCTON

133. Allis Chalmers Manufacturing Co.
232 St. George St.
EV 4-9898
134. Upton, Bradeen & James, Ltd.
347 St. George St.
Phone: 2-1440

ST. JOHN

135. Canadian Fairbanks-Morse Co.
53 Union St.

NEWFOUNDLAND

ST. JOHN'S

136. Joy Manufacturing Co.
127 New Gower St.
P. O. Box 2136
- 136A City Service Co., Ltd.
P. O. Box 3-1274

NOVA SCOTIA

AMHERST

137. Williams Machinery Co., Ltd., A. R.
161 Victoria St.
Phone: 8355

DARTMOUTH

138. Eutectic Welding Alloys Co. of Canada, Ltd.
Canal St.
Phone: 6-2159

HALIFAX

139. Austin Brothers, Ltd.
118-124 Hollis St.
140. Foulis Engineering Sales, Ltd.
P. O. Box 1530
Phone: 2-4473
141. Hughes-Owens Co., Ltd., The
169 Hollis St.
142. Joy Manufacturing Co.
41 Fenwood Rd.
P. O. Box 232
143. Williams Machinery Co., Ltd., A. R.
125 Cunard St.

PICTOU

144. Upton, Bradeen & James, Ltd.
45 Church St.

SYDNEY

145. Joy Manufacturing Co.
87 Charlotte St.
P. O. Box 967
146. Peacock Brothers, Ltd.
P. O. Box 968
SY 3401

ONTARIO

AGINCOURT

147. National Time & Signal Co.
72 Shilton Rd.
OX 1-4857

ARNPRIOR

148. Mel Sales, Ltd.

BARRIE

149. Lufkin Rule Co. of Canada, The

BELLE RIVER

150. C. B. Sales Co.
R. R. #1
UN 1-1048
151. Wallace, Stanley
R. R. #1
SE 5-2373

BRAMPTON

152. Osborn (Canada) Ltd., Samuel
25 Hansen Rd.
EM 8-6450
153. Stripplitt Tool & Machine, Ltd.
GL 1-3330

BRANTFORD

154. Airetool Canada, Ltd.
37 Spalding Dr.
PL 3-7316
155. Alexander and Orlick, Ltd.
Box 248, 211 Greenwich St.
PL 3-3181

SALES OFFICES

ONTARIO

- 156. Bay State Abrasive Products Co.
(Canada) Ltd.
185 Pearl St.
Phone: 2-7846
- 157. Chicago Rawhide Manufacturing Co.
of Canada, Ltd.
Park Rd. and Henry St.
PL 3-4136
- 158. Huck Manufacturing Co.
40 Franklin St.
PL 3-0571
- 159. Reed Welding Equipment, Ltd.
35 Fairmount Ave.
- 160. Williams Machinery Co., Ltd., A. R.
80 Elm St.
PL 3-4863

BROCKVILLE

- 161. Hanaler (Brockville) Ltd.
13 Broad St.
DI 2-4408

BURLINGTON

- 162. Dominion Power Press Equipment
Co., Ltd.
P. O. Box 222, Graham's La.
NE 4-6708
- 163. Elder, Bruce J.
3220 Robert St.
NE 4-0511
- 164. Heck Diamond & Abrasive Specialties
11 Mayzee Rd.
- 165. Higginson Engineering Sales, Ltd.
1131 Pettit Rd.
NE 4-0101
- 166. Wes-Park Co., The
20 Park Ave., East
JA 9-0572 Hamilton

CHATHAM

- 167. Rotary Lift Co. of Canada, Ltd.
P. O. Box 360

DON MILLS

- 168. Canada Illinois Tools, Ltd.
75 Scarsdale Rd.
HI 7-7251

DOWNSVIEW

- 169. Hooker (Canada) Ltd., Samuel C.
4126 Bathurst St.
ME 5-1470
- 170. Le Roi Air Equipment of Canada, Ltd.
465 Wilson Ave., West
ST 8-5603

DUNDAS

- 171. Bertram & Sons Co., Ltd., The John
5 Hatt St.
MA 8-2233
- 172. Futurmill (Canada) Ltd.
P. O. Box 95
15 Hatt St.
MA 8-8820

ELLIOT LAKE

- 173. Joy Manufacturing Co.

ETOBICOKE

- 174. Churchill (Canada), Charles
N. Queen St.
BE 3-3216

FORT WILLIAMS

- 175. Canadian Fairbanks-Morse Co.
300 Simpson
- 176. Rudel Machinery Co., Ltd.
1408 Brown St.
Phone: 3-3874

GALT

- 177. Firth Brown Tools Canada, Ltd.
Phone: 1330

- 178. Joy Manufacturing Co., Ltd.
175 Beverly St.
Phone: 3609
- 179. Morton, Ltd., James
126 Main St.
GA 3920

CANANIQUE

- 180. Parmenter & Bullock, Ltd.
GA 191

GEORGETOWN

- 181. Sykes Tool Corp., Ltd.
Guelph St.
TR 7-2226

HAMILTON

- 182. Barber Machinery Div., F. F.
1036 King St., West
JA 7-3691
- 183. Barnard Stamp & Stencil, Ltd.
8 George St.
P. O. Box 295
- 184. Barnes, Ltd., Don
605 James St., North
ON 7-7436
- 185. Bayview Supplies, Ltd.
66 Brant St.
JA 9-9222
- 186. Beattie Associates, W. F.
143 Main St., East
JA 8-4317
- 187. Burton Co., Ltd., H. C.
160 Rebecca St.
JA 9-8126
- 188. Canadian Fairbanks-Morse Co.
7 Hughson St.
- 189. Clark Controller Co., The
- 190. Coleman Tools
Willow Cove
JA 8-4426
- 191. Crane Packing Co., Ltd.
617 Parkdale Ave., North
LI 4-3358
- 192. Davis Automatic Controls, Ltd.
89 Cannon St., South
JA 8-6141
- 193. Higginson Engineering Sales
Box 23
- 194. Hughes-Owens Co., Ltd.
43 King William St.
- 195. International Machinery Co., Ltd.
519 Parkdale Ave., North
LI 5-1167
- 196. Jennings, David R.
41 King William St.
JA 8-7741
- 197. Joy Manufacturing Co.
P. O. Box 162
- 198. Kennametal Tools & Manufacturing
Co., Ltd.
371 Sherman Ave., North
LI 5-1178
- 199. Lawrie Machinery Co., D. T.
98 Traymore Ave.
JA 7-0140
- 200. Machinery Sales Co.
1019 Cannon, East
LI 5-5939
- 201. Martin Industrial Sales, Ltd.
Box 463
- 202. Martin & Lawrie, Ltd.
22 Gore St.
- 203. Metallurgical Sales & Service
47½ Main St., East
JA 9-2168
- 204. Orlick, Ltd., William
35 Glen Rd.
JA 8-5949
- 205. R. & M. Bearings Canada, Ltd.
130 Ferguson Ave., North
JA 2-2491
- 206. Railway & Power Engineering Corp.
522 James St., North
- 207. Renold Chains Canada, Ltd.
130 Ferguson Ave., North
JA 2-2491
- 208. Rudel Machinery Co., Ltd.
P. O. Box 8
- 209. Ryder Machinery Co., Ltd., J. H.
634 Main St., East
JA 8-8435
- 210. Sadler Co., Ltd., G. W.
367 Cannon St., East
- 211. Service Steel & Engineering, Ltd.
621 Parkdale Ave., North
LI 9-3519
- 212. Sterling Electronic Motors, Inc.
428 Cannon St., East
JA 7-2776
- 213. Sun Oil Co.
JA 7-2901
- 214. Thibodeau Machinery Co., Ltd.
267 Herkimer St.
JA 9-8254
- 215. Thomas Buff & Brush Co., Ltd.
174 Catherine St., North
- 216. Tocco Div.
38 Carwyn Crescent
JA 7-1268
- 217. Travers Co., R. D.
12 Freeman Pl.
JA 2-3823
- 218. Tumbling Sales & Services, Ltd.
33 Glen Rd.
JA 8-6979
- 219. Upton, Bradeen & James, Ltd.
152 James St., South
JA 7-3238
- 220. Vanadium-Alloys Steel Canada, Ltd.
605 James St., North
JA 7-9197
- 221. Vallance, Brown & Co., Ltd.
176 Shaw St.
JA 7-6643
- 222. Vickers-Warnick Industrial Supply
Co., Ltd.
1869 Main St., East
LI 9-1392
- 223. Wall Colmoney (Canada), Ltd.
222 Huxley Ave., South
LI 4-2476
- 224. Webb Co. of Canada, Jervis B.
715 Beech St.
LI 9-6527
- 225. Weld-O-Matic Machines, Ltd.
519 Parkdale Ave., North
P. O. Box 159, Sta. C
LI 9-6579
- 226. Wickman, Ltd., A. C.
605 James St., North
JA 8-6213
- 227. Williams Machinery Co., Ltd., A. R.
1 Duke St.

ISLINGTON

- 228. Best Co., John
96 Kipling Ave., North
BE 1-7633
- 229. Cox Sales, Frank J.
Box 32
BE 3-4953
- 230. Davis Automatic Controls
P. O. Box 160
BE 3-3211

KIRKLAND LAKE

- 231. Joy Manufacturing Co.
24 Duncan Ave.
P. O. Box 578

KITCHENER

- 232. Canadian Arrow Sales & Service, Ltd.
Box 243
SH 3-4139

LEASIDE

- 233. Cleco Pneumatic Tool Co. of Canada,
Ltd.
927 Millwood Rd.

SALES OFFICES

ONTARIO

LEASIDE (Cont.)

234. Wells, Curtis
24 Industrial St.
HU 1-4491

LONDON

235. Brennan Co., William M.
850 Maitland
GE 4-5781
236. Canadian Fairbanks-Morse Co., Ltd.
545 First St.
237. Ex-Cell-O Corp. of Canada, Ltd.
120 Weston Ave.
GE 8-2133
238. Johnston Equipment Co., Ltd., G. N.
P. O. Box 962
Phone: 8-9331
239. McLaughlin Machinery, Ltd.
175-179 John St.
240. Noranda Copper & Brass, Ltd.
200 Queen's Ave., Rm. 207
241. Porter-Cable Power Tools (Canada)
Ltd.
Box 5019
GL 5-6646
242. R. & M. Bearings Canada
1024 Oxford St., East
Phone: 3-0635
243. Renold Chains Canada, Ltd.
1024 Oxford St.
244. Thames Industrial Supplies
P. O. Box 819
245. Vanadium-Alloys Steel Canada, Ltd.
529 Philip St.
HU 7-3311
246. Williams Machinery Co., Ltd., A. R.
319 Malcolm St.
Phone: 8-9835

MADOC

247. All-State Welding Alloys of Canada,
Ltd.
P. O. Box 144
MA 355

MALTON

248. Found Brothers Aviation, Ltd.
Malton Airport

NEW TORONTO

249. Anaconda American Brass, Ltd.
250. Churchill (Canada) Ltd., Charles
Box #21
251. Consolidated Engineering & Machine
Co., Ltd.
14th and Birmingham Sts.
CL 9-3785

NORTH BAY

252. Jack-Hopkins, Ltd., Watson
127 McIntyre St.
253. Williams Machinery Co., Ltd., A. R.
550 Kingsway Ave.
GR 2-5905

OAKVILLE

254. Gaskell, Percy
530 Pineland Ave.
VI 4-9624
255. Kadonoff, Max
1184 Cynthia La.

OTTAWA

256. Barber Machinery Co., F. F.
166 Broad St.
257. Bausch & Lomb Optical Co.
227 Laurier Ave., Rm. 201B
258. Canadian Fairbanks-Morse Co.
266 Sparks St.

259. Clark Controller Co., The
260. Computing Devices of Canada
P. O. Box 508 (4)
PA 8-1761

261. Darling Brothers, Ltd.
R401-18 Rideau St.

262. Electrodesign
376 London Ter.

263. Howard & Co., M. J.
1206 Bank St.
CE 5-9931

264. Hughes-Owens Co., Ltd., The
527 Sussex St.

265. Jack-Hopkins, Ltd., Watson
2116 Scott St.

266. Sperry Gyroscope Ottawa, Ltd.
3 Hamilton Ave.
PA 8-4681

267. Upton, Bradeen & James, Ltd.
77 Metcalf St., Rm. 702
CE 2-3775

268. Williams Machinery Co., Ltd., The
A. R.
77 Metcalf St.
PA 2-3405

269. Williams & Wilson, Ltd.
136 Sparks St.
CE 5-5545

PETERBOROUGH

270. Hansler Machine & Supply Co.
682 George St., North
P. O. Box 352
Phone: 25951
271. Williams Machinery Co., Ltd., A. R.
531 Howden St.
RI 5-8559

PORT ARTHUR

272. Allis Chalmers Manufacturing Co.
12-A Court St., South
Phone: 5-7636
- 272A. Marshall-Wells Co., Ltd.
273. Muir Machinery & Supply Co.
P. O. Box 596
Phone: 5-9513

PORT CREDIT

274. Hydraulic & Pneumatic Components,
Ltd.
13 Benson Ave.
CR 8-6216

PRESTON

275. Preston Woodworking Machine Co.,
Ltd.

REXDALE

276. Cleveland Twist Drill (Canada) Ltd.
75 Brydon Dr.
CH 1-9191
277. Parker Rust Proof Co.
165 Hendale Blvd.
CH 4-1186
278. Strongridge, Ltd.
64 Racine Rd.
CH 4-4248
279. Wainbee Tools, Ltd.
64 Racine Rd.
CH 1-3301

ST. CATHARINES

280. Ryder Machinery Co., J. H.
41 Albany Dr.
WE 4-1772
281. St. Catharines Brass Works, Ltd., The
16 Smith St.
P. O. Box 367
MU 2-9258

SAULT STE. MARIE

282. Clark Controller Co., The

SCARBOROUGH

283. Ainley, A.
767 Wardly Ave.

284. Canadian D. A. Stuart Oil Co., Ltd.
P. O. Box 430
43 Upton Rd.
PL 7-3227

285. Jenkins, K. E.
7 Benary Crescent
AX 3-7346

286. Lea Manufacturing Co. of Canada, Ltd
1336 Birchmount Rd.

287. Pope, Edward H.
73 Shandon Dr.
HI 4-1211

288. Ross & Sons, Ltd., Frank T.
18 Civic Rd.

289. Thompson Co., Ltd., The G. F.
108 Manville Rd.

SIMCOE

290. Morse Chain of Canada, Ltd.
385 Second Ave.
GA 6-4960

STONEY CREEK

291. Syntron (Canada) Ltd.
12 Main St., East
P. O. Box 910
NO 2-8314

STRATFORD

292. Perth Metal Industries, Ltd.
P. O. Box 154
128 Montelth Ave.
Phone: 5190

SUDBURY

293. Joy Manufacturing Co.
371 Spruce St.
294. Peacock Brothers, Ltd.
105 Durham St., South
OS 4-3281
295. Williams Machinery Co., Ltd., A. R.
88 Elgin St., South
OS 4-1021

TORONTO

296. Armstrong, Ltd., A. T. R.
P. O. Box 38, Sta. D (9)
RO 2-7535
297. Acme-Bertram Machine Tools, Ltd.
15 Brandon Ave., (4)
298. Acme Electric Corp.
50 Northline Rd. (16)
PL 5-3315
299. Acme Machine Tool Div.
321 Weston Rd. (9)
RO 2-8366
300. Aeroquip (Canada) Ltd.
287 Bridgeland Ave.
301. Affiliated Engineering Corp., Ltd.
Harbour Commissions Bldg.
302. Aikenhead Hardware, Ltd.
17 Temperance St. (1)
EM 3-9111
303. Alison Machinery Co., Ltd.
42 Sherbourne St.
EM 3-8517
304. Allis Chalmers Manufacturing Co.
Adelaide St., P. O. Box 280
EM 4-0486
305. All-State Welding Alloys of Canada,
Ltd.
141 Kipling Ave., South
BE 1-6231
306. Ammco Industrial Equipment, Ltd.
1377 Weston Rd. (9)
RO 7-5439
307. Archer-Daniels-Midland
200 Fairbanks Ave. (10)
308. Armalite Co., Ltd.
Crystal Arts Square (6)
HO 1-2455
309. Aro Equipment of Canada, Ltd.
P. O. Box 515
Kipling Ave. at Rexdale Blvd. (15)
CH 4-2177
310. Baker, Carlton W.
1845 Avenue Rd. (12)
RU 3-9439

SALES OFFICES

ONTARIO

311. Barber Machinery Div., F. F.
187-191 Fleet St., West
EM 3-9291
312. Barker Industrial Equipment, Ltd.
3803 Dundas St., West (9)
RO 2-7343
313. Bass Industrial Equipment Co. of
Canada, Ltd.
214 Merton (7)
314. Bate Chemical Corp., Ltd.
44 Beechwood Dr.
P. O. Box 53, Sta. R. (17)
HO 1-0761
315. Bausch & Lomb Optical Co.
16 Grosvenor St.
WA 3-0976
316. Bay State Abrasive Products Co.
(Canada) Ltd.
60 Harbour St., Rm. 608
EM 6-3158
317. Bertram & Sons Co., Ltd. John
17 Davenport Rd. (5)
WA 2-1156
318. Blakeslee & Co., Ltd., G. S.
18 Cranfield Rd. (16)
PL 5-5216
319. Bliss Co., E. W.
Commerce and Transportation Bldg.
EM 6-5310
320. Boston Gears Works Branch
275 Kipling Ave., South
CL 9-9201
321. Bourke & Mabey
24 Merton St. Yonge (7)
MA 5-4473
322. Brace-Mueller-Huntley, Inc.
80 King St.
323. Canada Tool & Supply Co.
19 Melinda St.
EL 8068
324. Canadian Fairbanks Morse Co., Ltd.
The
137-167 Harbour St. (1)
EM 8-8321
325. Canadian Foundry Supplies &
Equipment, Ltd.
53 Main St., Mimico (14)
326. Canadian General Electric Co., Ltd.
940 Lansdowne Ave. (4)
LE 4-6511
327. Canadian Hanson & Van Winkle Co.,
Ltd.
2 Silver Ave. (3)
LE 3-1133
328. Canadian Koebel Diamond Tools, Ltd.
18th St. and Towns Rd. (14)
CL 1-1622
329. Canadian Lift Truck Co., Ltd.
163 Wicksteed Ave.
330. Calorific, Ltd.
489 Manor Rd., East
HU 5-8443
331. Canefco, Ltd.
50 Milne Ave. (13)
OX 1-2117
332. Carrier Corp.
70 Queen Elizabeth Blvd (14)
CL 9-3251
333. Churchill (Canada) Ltd., Charles
N. Queen St. (4)
BE 3-3216
334. Clark Controller Co., The
335. Clark Industrial Supplies, Ltd.
38 Fieldway Rd.
BE 3-7583
336. Colonial Tool Co., Ltd.
109 Yonge Blvd.
HU 9-5889
337. Colson Corp., The
65 Manser Rd. (15)
CH 1-8541
338. Comer, Ltd., J. F.
85 Richmond St., West (1)
EM 4-7283
339. Conway Electronics
1514 Eglinton Ave., West
340. Cooper & Horton
86 Main St. (15)
341. Cosa Corp. of Canada, Ltd.
1160 Lakeshore Rd. (14)
CL 5-1135
342. Cox Sales, Frank J.
6 Elmview Ct., Box 32 (1)
343. Cross & Co., Ltd., A.
Spadina Ave. and Front St.
344. Crucible Steel Co.
410 Bloor St., East (5)
WA 1-7238
345. Curtis Wells Co.
24 Industrial St.
Leaside (17)
HU 1-4491
346. D-M-E of Canada, Inc.
156 Norseman Ave. (18)
BE 3-3274
347. Darling Brothers, Ltd.
137 W. Wellington St.
348. Deane & Co., B. W.
97 George St.
EM 4-6459
349. Delta Aircraft Equipment Co.
1798A Avenue Rd. (12)
RU 3-7372
350. DoAll Co. of Canada, Ltd., The
35 Clarksdon Ave. (10)
RU 3-4238
351. Dominion Abrasive Wheel Co., Ltd.
73 Main St. (14)
Mimico
352. Donnelly Co., Ltd., James T.
321 King St., West
EM 3-5225
353. Dow Corning Sillicones, Ltd.
Tippet Rd.
Downsview
ST 8-6118
354. Drummond McCall & Co., Ltd.
1100 Caledonia St.
RU 1-1551
355. Duncan Machinery Co., Ltd., D. M.
197 College St.
356. Dycon, Ltd.
25 Carson St. (14)
CL 9-8276
357. Economy Tool Distributors
76 Brookside Ave. (9)
RO 6-5148
358. Efcu-Lindberg, Ltd.
15 Pelham Ave.
RO 6-6456
359. Electrodesign
109 Eglinton Ave., East
HU 9-7221
360. Elgin National Watch Co.
228 Norseman St. (18)
BE 3-1200
361. Empire Engineering Co.
738 Dundas St., East
EM 4-2928
362. Enterprise Agencies, Ltd.
6 Church St.
EM 4-9081
363. Erico, Inc.
3571 Dundas St., West
RO 7-9603
364. Ex-Cell-O Sales Associates, Ltd.
1229 The Queensway (1)
CL 5-0401
365. F-H Welding Machines, Ltd.
92 N. Queen St. (14)
BE 3-3285
366. Federal Machinery, Ltd.
185 King St., East
367. Finkler Co., Len
1794 Avenue Rd.
RU 1-5232
368. Foster Industrial Tools, Ltd.
Terminal Bldg.
EM 3-5623
369. Fraser, George M.
1554 Yonge St. (7)
WA 4-9492
370. Galt Machine Screw Co., Ltd.
Castlefield Ave. (10)
RO 2-8263
371. Garlock Packing Co. of Canada, Ltd.,
The
750 Bay St. (2)
EM 4-9456
372. General Radio Co.
99 Floral Pkwy. (15)
CH 6-2171
373. General Welding & Industrial
Supplies, Ltd.
2250 Kingston Rd.
OX 1-2115
374. Giles Tool Agencies
135 Beech Ave. (8)
OX 9-2497
375. Gray Forgings & Stampings
St. Clarens Ave. and Dupont St. (4)
376. Griswold Engineering, Ltd.
Terminal Warehouse Bldg., Rm. 317
EM 8-0714
377. Gross Machinery & Supply Co., Ltd.
18-24 Jarvis St. (1)
EM 4-0366
378. Hart Metal Fabricators, Ltd.
731 Runnymede Rd. (9)
RO 2-7585
379. Hercules Presses, Ltd.
84 Tycos Dr. (19)
RU 3-6241
380. Hirschmann Co. of Canada, Ltd., Carl
5112 Dundas St., West
381. Hope Machinery Co.
21 King St., East (1)
382. Huck Manufacturing Co.
1151 Kipling Ave.
North Rexdale
CH 4-1605
383. Hughes-Owens Co., Ltd., The
124 Bermondsey Rd. (16)
384. Hysol (Canada), Ltd.
P. O. Box 53, Sta. R (17)
HO 1-0708
385. Imperial Surgical Co.
80 Sherbourne St.
386. Industrial Distributing Co.
293 Kipling Ave., South (18)
387. Industro Corp.
297 Carlton St. (2)
WA 1-2032
388. Ipsenlab of Canada, Ltd.
27 Bermondsey Rd.
389. Johnson, Lewis & Reid
127 Sackville St.
EM 4-4478
390. Johnson, Matthey & Mallory, Ltd.
110 Industry St.
RO 2-7201
391. Johnston Equipment Co., Ltd., G. N.
33 Orrus Rd. (19)
RU 1-6631
392. Johnston Machinery Sales
21 King St., East (1)
EM 6-6621
393. Joy Manufacturing Co.
208 King St.
394. Kenley Industrial Corp., Ltd.
234 Norsemen St. (18)
BE 2-1156
395. Kenscott, Ltd.
110 Dupont St.
P. O. Box 550, Adelaide St. P. O. (5)
396. Kilian Manufacturing Corp. Canada,
Ltd.
90 Queen Elizabeth Blvd.
CL 5-2371
397. Libby, Kenneth J.
1845 Avenue Rd. (2)
RU 3-9439
398. Lincoln Engineering Co. (Canada),
Ltd.
411 Birchmount Rd. (13)
OX 8-2501
399. Lyman Tube & Bearings, Ltd.
72 Perth Ave.
LE 4-1115
400. Mahaffy Iron Works Co., Ltd.
145 Kendal Ave. (4)
WA 3-8459
401. Marathon Equipment & Supply, Ltd.
15 Birch Ave. (7)
402. Master Pneumatic Tools (Canada),
Ltd.
1845 Avenue Rd. (12)
RU 3-9439

SALES OFFICES

ONTARIO

TORONTO (Cont.)

- 403. Mel Sales, Ltd.
1969 Avenue Rd. (12)
HU 1-0231
- 404. Metal and Wood Fastening Devices Co.
P. O. Box 84 (15)
CH 1-8083
- 405. Miller Machinery & Supply Co., Ltd., J. B.
175-77 King St., East
EM 6-6019
- 406. Millhofer, J. E.
36 Queen Elizabeth Blvd. (8)
- 407. Monahan Supply Corp., Ltd.
191 Queen St., East (2)
EM 3-6356
- 408. Moore Instrument Co., Ltd.
169 McCormack St. (9)
- 409. Moore Machinery Co.
48 Racine Rd.
Rendale
CH 4-6449—RO 2-7541
- 410. Morrison Machinery Co., Ltd., J. B.
45 Oriole Pkwy. (7)
HU 8-3753
- 411. National Engineering & Sy.
150 Bentworth Ave. (10)
HU 7-4948
- 412. Nelson Stud Welding Corp., Ltd.
108 Tyces Dr.
HU 7-4287
- 413. Neptune Meters, Ltd.
1430 Lakeshore Rd. (14)
CL 9-4211
- 414. Noranda Copper & Brass, Ltd.
225 Wicksteed Ave. (17)
- 415. Ontor, Ltd.
12 Leswyn Rd., Sta. T (9)
- 416. Orban Canada, Ltd., Kurt
23 Scott St. (1)
EM 3-3591
- 417. Pangborn Corp.
199 Bay St. (1)
BE 1-7481
- 418. Par Industrial Sales, Ltd.
1704 Avenue Rd. (12)
RU 1-9125
- 419. Peacock Brothers, Ltd.
1669 Eglinton Ave., West (10)
RE 6127
- 420. Peckover's, Ltd.
15 McCormack St.
RO 2-8272
- 421. Petrie, Ltd., The H. W.
25 Bathurst St. (2B)
- 422. Plant Equipment Co.
191 King St. (1)
EM 6-0982
- 423. Pneumatic Industrial Equipment Co., Ltd.
2432 Kingston Rd. (13)
AM 1-7889
- 424. Prenc Progress & Engineering Co., Ltd.
72-74 Stafford St.
EM 3-3427
- 425. Process Instrument Systems, Ltd.
1918 Avenue Rd. (12)
OR 5514
- 426. Production Tools Co., Ltd.
128-130 Pears Ave. (5)
WA 3-3851
- 426A. Purolator Products, Inc.
320 Kipling Ave., South (18)
- 427. R & M Bearings Canada
50 Edward St. (2)
- 428. Railway & Power Engineering Corp.
197 Eastern Ave. (2)
- 429. Reeves Drives
127 Judge Rd. (18)
BE 3-3281
- 430. Remington Arms of Canada, Ltd.
36 Queen Elizabeth Blvd. (18)
CL 1-5227
- 431. Renold Chains Canada, Ltd.
33 Edward St.

- 432. Resistoflex Corp.
234 Norseman St. (18)
HE 2-1156
- 433. Richardson Agencies, Ltd.
164 Bentworth Ave.
P. O. Box 8, Sta. T (19)
HU 7-4981
- 434. Ritchey Supply, Ltd.
226 Geary Ave. at Dufferin (4)
LE 6-2121
- 435. Roberts' Machinery, Ltd., H. H.
179 King St., East (2)
EM 6-2259
- 436. Rotary Lift Co. of Canada
15 Toronto St. (1)
- 437. Roto-Finish Co.
P. O. Box 216, Terminal K
- 438. Rousseau Controls, Ltd.
2279 Yonge St.
HU 3-2776
- 439. Rudel Machinery Co., Ltd.
260 Fleet St. (2)
EM 6-2805
- 440. Ryder Machinery Co., Ltd. J. H.
360 Evans Ave. (14)
CL 9-7841
- 441. Sadler Co., Ltd., G. W.
61-65 Market St.
- 442. Safety Supply Co.
214 King St., East (2)
- 443. Sampson & Co., Ltd., E. T.
601 Merton St. (7)
- 444. Sanderson-Newbould, Ltd.
2 Eastern Ave.
EM 8-9443
- 445. Scott Fittings, Ltd.
159 Bay St., Suite 1024, (1)
EM 6-4921
- 446. Severance Tools of Canada, Ltd.
1232 Eglinton Ave., West (10)
RU 1-4641
- 447. Sharon Steel Corp.
235 Wicksteed Ave.
Leaside (17)
- 448. Shell Oil Co. of Canada, Ltd.
P. O. Box 400, Terminal A (1)
- 449. Smit & Sons of Canada, J. K.
81 Tyces Dr. (10)
RU 1-3534
- 450. Spotton Co., Ltd., John
21 Carson St. (14)
CL 9-8276
- 451. Stachowski, Edward L.
1845 Avenue Rd. (12)
RU 3-9439
- 452. Standard-Modern Tool Co., Ltd.
69 Montcalm Ave. (10)
HU 2-4401
- 453. Staroba Industrial Research Co.
299 Adelaide St., West (2B)
EM 6-3543
- 454. Starrett Co., The L. S.
77 York Ave.
EM 3-0888
- 455. Stephany, Harold
24 Academy Rd. (15)
CH 4-9821
- 456. Stokes Co. of Canada, Ltd., F. J.
4196 Dundas St., West (18)
BE 2-2301-02
- 457. Storey Machinery Co., Gilbert C.
1220 Dundas St., East (8)
HO 1-1129
- 458. Stratoflex of Canada, Inc.
91 Kipling Ave., South
BE 3-1193
- 459. Sun Oil Co.
600 University Ave. (2)
EM 6-5861
- 460. Swiss Instruments Reg'd.
411 Bloor St., West
- 461. Syntrol (Canada), Ltd.
932 The Queensway (14)
CL 9-5121
- 462. Tark, Lawrence
4158B Dundas St., West (18)
BE 3-0831
- 463. Tatnall Measuring & Nuclear Systems, Ltd.
46 Hollinger Rd. (6)
PL 5-5122

- 464. TEM Sales Co., Ltd.
2149 Yonge St. (7)
HU 1-3371
- 465. Thor Power Tool Co.
1909 Davenport Rd. (9)
- 466. United Steel Corp., Ltd.
58 Pelham Ave. (9)
LL 1126
- 467. Upton, Bradeen & James, Ltd.
890 Yonge St. (5)
WA 4-5751
- 468. Valvoline Oil Co. of Canada, Ltd.
115 Laird Dr.
Leaside
HU 5-1119
- 469. Vanadium Alloys Steel Canada, Ltd.
3035 Dufferin St.
RU 3-4271
- 470. Vaughan Bedell, Ltd.
23 Scott St. (1)
EM 4-4900
- 471. Wade Co., Ltd., Norman
891 Yonge St. (5)
- 472. Walle & Co., Irwin
1324 Danforth
HO 5-7141
- 473. Watkins & Co., Ltd., W. R.
41 Kipling Ave., South
BE 3-2161
- 474. Weatherley Machine Co.
209 Davenport Rd.
WA 4-9671
- 475. Wesson Cutting Tools, Ltd.
93 Judge Rd. (18)
- 476. Wickman, Ltd., A. C.
P. O. Box 9, Sta. N
1425 Queensway (14)
CL 9-2311
- 477. Williams Machinery, A. R.
374 Front St. (2)
RI 8-9381
- 478. Williams & Wilson, Ltd.
71 Front St., East (1)
EM 3-8721
- 479. Windeler & Co., Ltd., John
3569 Dundas St., West (9)
RO 6-8101
- 480. Winnett Boyd, Ltd.
745 Mt. Pleasant Rd. (7)
- 481. B. S. A. Tools, Ltd.
228 Norseman St. (18)
BE 3-1209

WALKERVILLE

- 482. Duncan Machinery Co., Ltd., D. M.
1958 Wyandotte St., East
P. O. Box 160
CL 3-1132
- 483. White Co., Ltd., Geo. T.
378 Devonshire Rd.
CL 6-2331

WALLACEBURG

- 484. Jeasop Steel of Canada
P. O. Box 59
MA 7-2245
- 485. Southwest Supply Co.
110 Selkirk St.
Phone: 1079

WATERLOO

- 486. Meyer Industrial Distributors
174 Moore Ave.
SH 3-4131
- 487. Williams Machinery Co., Ltd., A. R.
162 Allan St., East
SH 3-2353

WELLAND

- 488. Whiting Corp. (Canada), Ltd.
350 Alexander St.
RE 2-1352

WEST TORONTO

- 489. Brady Co., W. H.
1893 Davenport Rd.
RO 2-2045

WILLOWDALE

490. Chain Belt Co.
1181 Sheppard Ave., East
BA 1-9361
491. Wilson, William E.
P. O. Box 187
BA 5-2906

WINDSOR

492. Barber Machinery Co., F. F.
139 Tecumseh Rd., West
CL 3-2451
493. Barker Industrial Equipment, Ltd.
494. Bertram & Sons Co., Ltd., The John
1923 Wyandotte St., East
CL 4-8644
495. Canadian Fairbanks-Morse Co.
357 Pitt St.
496. Clark Controller Co., The
497. Colonial Tool Co., Ltd.
P. O. Box 190, Walkerville P. O.
CL 3-2461
498. Cope & Gurr Machinery
2474 Central Ave.
WH 5-2314
499. Downtown Auto Supply
205 Glengarry St.
500. Duncan Machinery Co., Ltd., D. M.
1958 Wyandotte St., East
CL 3-1132
501. Ex-Cell-O Sales Associates, Ltd.
Box 190, Walkerville Postal Station
CL 3-2461
502. Henze Co., Ltd., C. H.
620 Glengarry Ave.
503. Orlick, Ltd., William
504 Victoria
CL 6-5352
504. Par Industrial Sales, Ltd.
504 Victoria St.
CL 2-4533
505. Rudel Machinery Co., Ltd.
1454 Ouellette Ave.
CL 6-7886
506. Ryder Machinery Co., Ltd., J. H.
1785 Walker Rd.
CL 3-1156
507. Sadler Co., Ltd., G. W.
1731 Wyandotte St., East
508. Sales, C. B.
1629 Tecumseh Blvd.
509. Standard-Modern Tool Co., Ltd.
3030 Walker Rd.
CL 4-9231
510. Sun Oil Co. (Canada)
CL 6-6028
511. Upton, Bradeen & James, Ltd.
824 Chilver Rd.
CL 4-8623
512. Vanadium-Alloys Steel Canada, Ltd.
1968 Wyandotte St., East
CL 2-7112
513. Walker Metal Products, Ltd.
P. O. Box 280, Walkerville P. O.
CL 6-4521
514. Western Solvents and Chemicals
(Canada), Ltd.
1454 Crawford St.
CL 2-0933
515. Wheatley Manufacturing Co., Ltd.
2536 Dougall St.
CL 6-2373
516. Wickman, Ltd., A. C.
Canada Bldg., Rm 604
CL 3-5428
517. Williams Machinery Co., Ltd., A. R.
3030 Walker Rd.
CL 4-4762
518. Williams & Wilson, Ltd.
1465 Tecumseh Blvd., East
CL 3-5678
519. Windsor Tool & Die, Ltd.
1880 Kildare Rd.
CL 6-2606

LACHINE

521. Brunner & Lay (Canada), Ltd.
2280 43rd Ave.
ME 1-8588
522. Clark & Son, David
365 43rd Ave.
NE 5-0367
523. Cowper Co., Ltd.
515 Fourth Ave. (32)
ME 7-6746
524. Hepworth, George
980 45th Ave.
UN 1-1304

MONTREAL

525. Adlam Tool & Supply Co., Ltd.
1015 St. Alexander St.
UN 6-5075
526. Aeromotive Engineering Products
5257 Queen Mary Rd.
EL 9602
527. Affiliated Engineering Corp., Ltd.
940 Cote De Liesse Rd.
528. Air & Hydraulic Equipment Div.
1381 St. James St., West (3)
WE 7-9374
529. Alexander & Orlick, Ltd.
5316 Park Ave.
CR 1-5840
530. Allis Chalmers Manufacturing Co.
4104 St. Catherine St., West
WE 7345
531. Alloycraft Limited
27 Hillside Ave.
532. Barber Machinery Co., F. F.
1660 Berri St.
MA 9319
533. Barer Engineering & Machinery Co.
1365 Basin St. (3)
WE 7-3911
534. Barker Industrial Equipment, Ltd.
5165 Sherbrooke St., West
HU 1-5646
535. Bertram & Sons Co., Ltd., John
5165 Sherbrooke St., West (28)
DE 8447
536. Borland, W. George
418 New Birks Bldg.
UN 6-9061
537. Braidwood & Sons, Ltd., John
66 Nazareth St.
UN 6-3521
538. Brigadier Engineering Products
1240 Drummond St., Suite 144 (25)
UN 4-6636
539. Campbell & Co., Ltd., A. J.
1440 St. Catherine St., West (25)
540. Canadian Bronze Co., Ltd.
999 Delorimier Ave. (24)
LA 4-1131
541. Canadian Devices, Ltd.
614 St. James St., West
542. Canadian Fairbanks-Morse Co., The
980 St. Antoine St.
UN 6-1451
543. Canadian Laboratory Supplies, Ltd.
Box 2090 - Sta. "O" (9)
544. Canadian Lift Truck Co., Ltd.
149 Beaumont Ave. (14)
545. Carrier Corp.
1477 Sherbrooke St., West
WE 3-6761
546. Cartier, Paul E.
640 Lindsay, St. Laurent (9)
RI 7-9771
547. Caverhill, Learmont & Co., Ltd.
455 St. Peter St. (1)
548. Chain Belt (Canada), Ltd.
3405 Addington Ave., Room 103
HU 9-7588
549. Chase Tools & Equipment, Ltd.
657 Jarry St., West
CR 4-9594
550. Clark Controller Co., The
3745 St. James St., West
WE 6741
551. Climax Co., The
795 Versailles St.

QUEBEC

552. Colonial Tool Co., Ltd.
2085 Addington Ave.
HU 9-1761
553. Cowper Co., Ltd.
515 Fourth Ave., Lachine (32)
ME 7-6746
554. Darling Bros., Ltd.
140 Prince St.
555. Davis Automatic Controls, Ltd.
5727 Monkland Ave. (28)
HU 1-0250
556. Deane & Co., B. W.
3620 Namur St. (16)
RE 3-5351
557. DoAll Eastern Canada, Ltd.
968 St. James St., West
UN 6-1264
558. Drummond McCall & Co., Ltd.
930 Wellington St. (3)
UN 6-3061
559. Dynamic Automation Co., Ltd.
9926 La Jeunesse St.
DU 1-5312
560. Electrodesign
736 Notre Dame St., West
UN 6-7367
561. Electro-tech Co.
100 Ballantyne Ave.
HU 1-0771
562. Enterprise Agencies, Ltd.
5301 Western Ave.
DE 3551
563. Eutectic Welding Alloys Co. of
Canada, Ltd.
3150 37th St. (38)
Ville St. Michel
RA 1-4939
564. Ex-Cell-O Sales Associates, Ltd.
2085 Addington Ave.
HU 9-1761
565. Fern Tool Co., Ltd., The
P. O. Box 76, Sta. "O" (9)
566. Ferro Technique Products of Canada
560 Montee De Liesse, St. Laurent
(9)
RI 7-2451
567. Fisher Scientific Co.
8505 Devonshire Rd. (9)
568. Frontenac Equipment Co.
P. O. Box 1016, Sta. "O" (9)
St. Laurent
569. General Controls Co., Ltd.
5165 Sherbrooke St., West
HU 1-4923
570. Griswold Engineering Ltd.
146 Bates Rd. (8)
RE 1-2749
571. Hail Distributors Reg'd.
1930A Dorchester St., West (25)
WE 5-4778
572. Hewlings Co., W. G.
P. O. Box #2, Sta. "O" (9)
573. Hooker (Canada) Ltd., Samuel C.
2425 Grand Blvd. (28)
574. Huck Manufacturing Co.
Aviation Developments
Box 1260, Sta. "O" (9)
RI 7-5009
575. Hughes-Owens Co., Ltd., The
1440 McGill College Ave. (2)
576. Industrial Materials Supply Co. of
Canada
267 Dunbar Ave. (16)
577. Industrial Models, Inc.
4930 Plamondon Ave. (26)
RE 3-0633
578. Industrial Steel & Supply Co., Inc.
1418 Notre Dame West Quest
GL 6126
579. Johnston Equipment Co., Ltd., G. N.
1061 Decarie Blvd.
RI 8-7978
580. Joy Manufacturing Co.
264 Montee De Liesse Rd.
P. O. Box 1140, Sta. "O"
581. Lea Products Co.
996 deBullion St.

QUEBEC

ILLE PERROTT

520. Williams Machinery Co., Ltd., A. R.
195 Fifth Ave.

SALES OFFICES

QUEBEC

MONTREAL (Cont.)

- 582. Lyman Tube & Bearings, Ltd.
920 Ste. Sophie La.
UN 6-2871
- 583. MacAulay & Associates, D. J.
1846 Dorchester St., West (25)
- 584. MacLeay & Co., Ltd., R.
1813 St. Antoine St. (3)
WE 2-6692
- 585. Martin Engineering, Inc.
1846 Dorchester St., West
WI 4185
- 586. Metal & Wood Fastening Devices Co.
60 Lakeshore Rd. (23)
OX 5-4582
- 587. Moore Brothers Machinery Co., Ltd.
953 St. James St., West (3)
UN 6-2741
- 588. Moore & Co., Geo. T.
4105 St. Catherine St., West
GL 3551
- 589. New Hermes of Canada, Ltd.
359 St. James St.
- 590. Newman Foundry Supply, Ltd.
P. O. Box 160, St. Lambert (23)
- 591. Noranda Copper & Brass, Ltd.
P. O. Box 1238, Place D'Ames (1)
- 592. Osborn (Canada) Ltd., Samuel
730 Imperial Ave.
UN 6-1818
- 593. Pantex Manufacturing Corp.
3556 St. Lawrence Blvd.
PL 5689-7818
- 594. Par Industrial Sales, Ltd.
1595 Decarie Blvd.
RO 4-4769
- 595. Parkes & Co., Ltd., J. S.
220 St. Paul St., West
VI 5-7123
- 596. Pascal Hardware Co., Ltd., The J.
301 Craig St., West
UN 6-5692
- 597. Peacock Brothers, Ltd.
P. O. Box 1040 (3)
HU 1-0481
- 598. Peckover's Limited
2052 St. Catherine St.
WE 6-717
- 599. Playford Ltd., E. W.
5851 Upper Lachine Rd. (28)
HU 9-5383
- 600. Porter-Cable Power Tools (Canada),
Ltd.
950 Rue Jarry O Corner Stuart Ave.
CR 6-6776
- 601. Power Press & Equipment Co.
1381 St. James St., West (3)
WE 7-9374
- 602. Preston Woodworking Machinery Co.,
Ltd.
5400 Pare' St.
603. Process & Steam Specialties
6693 Park Ave. (15)
CR 4-3682
- 604. R & M Bearings Canada Ltd.
1006 Mountain St. (25)
UN 6-6761
- 605. Railway & Power Engineering Corp.,
Ltd.
3745 St. James St.
WE 3-6741
- 606. Renold Chains Canada Ltd.
1006 Mountain St.
UN 6-6761
- 607. Rhoades Machinery Co.
353 St. Nicholas St.
- 608. Richardson Agencies, Ltd.
P. O. Box 2, Sta. "O" (9)
RI 4-4967
- 609. Romex Co.
3777 Lacombe Ave.
RE 1-0211
- 610. Rousseau Controls, Ltd.
640 Decourcelle St. (30)
WE 7-3521
- 611. Routledge, H.
Climax Co., Ltd.
785 Versailles St.
FI 2457

- 612. Rudel Machinery Co., Ltd.
614 St. James St., West (3)
VI 5-7173
- 613. Ryder Machinery Co., Ltd., J. H.
8455 Decarie Blvd. (9)
RI 4-2861
- 614. Sadler Co., Ltd., G. W.
1845 William St.
- 615. Sampson & Co., Ltd., E. T.
510 Canal Bank
Ville St. Pierre (32)
- 616. Sanderson-Newbould, Ltd.
71 Dalhousie St. (3)
UN 6-2855
- 617. Sepco Electric Products
422 McGill (1)
- 618. Sharon Steel Corp.
80 Prince St. (3)
- 619. Simpson Machinery, Ltd.
2180 Wilson Ave. (28)
- 620. Smith & Co., C. H.
4280 Gascon Ave. (34)
LA 6-3509
- 621. Smith, Ltd., Irving
2095 Madison Ave. (28)
HU 4-1153
- 622. Soden & Co., Ltd., P. N.
2143 St. Patrick St. (22)
WE 4602
- 623. Standard Chemical Ltd.
5070 St. Ambroise St. (30)
GL 3907
- 624. Strippit Tool & Machine Ltd.
UN 6-9581
- 625. Sullivan Mill Equipment, Ltd.
973 Notre Dame St., West
UN 6-1600
- 626. Sun Oil Co. (Canada)
3550 St. Patrick St. (20)
WE 5-2423
- 627. Supreme Products Div.
2055 DesJardins Ave. (4)
CL 5-2818
- 628. Sykes Tool Corp., Ltd.
515 Bisson St.
- 629. Tarshis & Sons Co., Ltd., L. S.
450 McGill St.
VI 2-2963
- 630. Tecneek Associates
1405 Bishop St., Rm. 120
VI 4-7874
- 631. Tem Sales Co.
1255 University St., Rm. 123
P. O. Box 129, N.D.C.
UN 6-4834
- 632. United Steel Corp., Ltd.
433 St. Martin St.
WE 3-4277
- 633. Upton Bradeen & James Ltd.
8760 Verville St. (11)
DU 9-8231
- 634. Vanadium-Alloys Steel Canada, Ltd.
7435 Chester Ave., N.D.C.
HU 1-0197
- 635. Wakefield Co., The
645 Wellington St. (2)
- 636. Wall Colmonoy (Canada) Ltd.
3001 Broadway
MI 5-1653
- 637. Walton, Humphrey B.
1255 University St. (2)
UN 6-4164
- 638. Wickman, Ltd., A. C.
1462 Bishop St. (25)
VI 2-6839
- 639. Williams Machinery Co., Ltd., A. R.
8355 Devonshire Rd. (9)
RI 8-9281
- 640. Williams & Wilson Ltd.
544 Inspector St. (3)
UN 6-2851
- 641. X-Ray & Radium Industries
2800 Bates Rd. (26)
RE 9-2408
- 642. Pangborn Corp.
5925 Monkland Ave. (28)
Notre Dame de Grace
HU 9-1542
- 643. Par Industrial Sales, Ltd.
2301 Wilson
Notre Dame de Grace

- 644. J. Pollack-Josephson & Associates
P. O. Box 232 (8)
Outremont
RE 3-0633

QUEBEC CITY

- 645. Canadian Fairbanks-Morse Co.
337 Charest Blvd.
- 646. R & M Bearings Canada Ltd.
755 Blvd. Des Capucins
Phone: 2-5274
- 647. Renold Chains Canada Ltd.
755 Blvd. Des Capucins
- 648. Rudel Machinery Co., Ltd.
955 Begin Ave. (6)
LA 7-9426
- 649. Upton Bradeen & James, Ltd.
20 St. John St.
LA 3-8462
- 650. Watson Jack-Hopkins, Ltd.
1279 Charest Blvd.
- 651. Williams and Wilson Ltd.
65 St. Anne St.
Phone: 2-5862

SHERBROOKE

- 652. Sherbrooke Machineries, Ltd.
P. O. Box 878
LO 2-4751

THREE RIVERS

- 653. R & M Bearings Canada
375 St. George St.
FR 5-4979
- 654. Renold Chains Canada Ltd.
375 St. George St.

VALOIS

- 655. Metal and Wood Fastening Device
Co.
60 Lakeshore Dr. (33)
OX 5-4582

VERDUN

- 656. Products Ltd., H. F.
425 River St. (19)

VILLE LA SALLE

- 657. Jones & Shipman (Canada) Ltd.
130 Elmslie St.
DO 6-4040
- 658. Syntrol (Canada) Ltd.
105 Elmslie St. (32)
DO 6-3480 and 6-3481

VILLE ST. MICHEL

- 659. Jaquays, Starke & Co.
7920 16th Ave. (38)
RA 8-9293

WESTMOUNT

- 660. Alloycraft Ltd.
27 Hillside Ave. (6)
- 661. Dibble Tools Ltd.
9 Brooke Ave.
WE 2-5801
- 662. Peacock Brothers, Ltd.
310 Victoria Ave. (6)
HU 1-7723

SASKATCHEWAN

RECINA

- 663. Canadian Fairbanks-Morse Co.
1202 Osler St.
- 664. Clarke, Ltd., H. F.
1753 Lorne St.

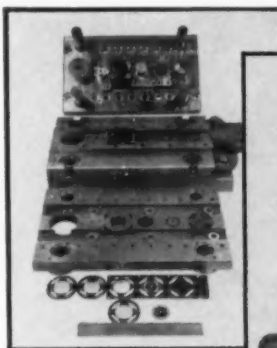
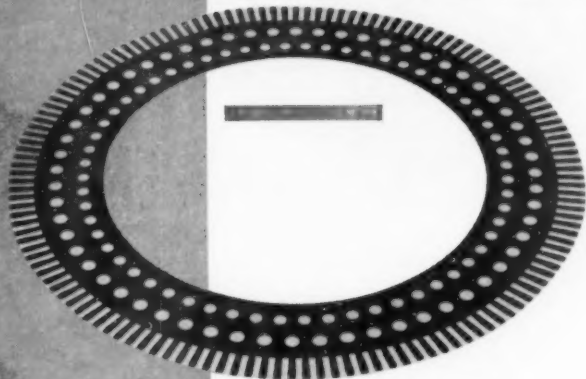
SASKATOON

- 665. Canadian Fairbanks-Morse Co.
601 Second Ave., North
- 666. Clarke, Ltd., H. F.
132 107th St.
- 667. Northern Mine & Drillings Supplies,
Ltd.
- 668. Sharpe, J. M.
234 20th St., East

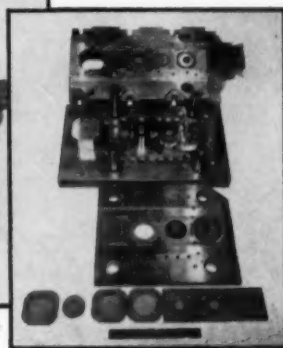
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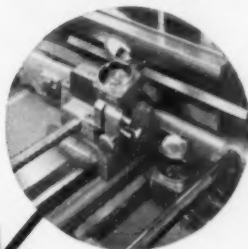
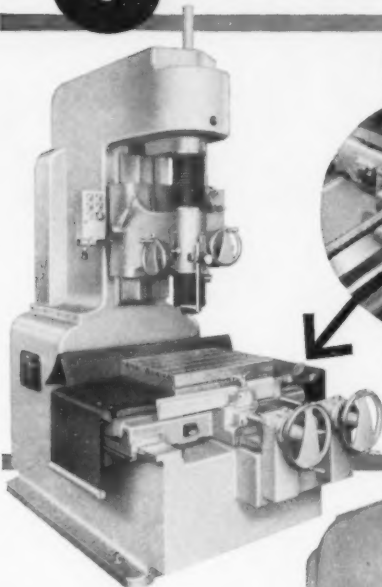
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No. 60 JIG BORER & VERTICAL MILL

COMPARE THE No. 60 WITH OTHER MACHINES

2 TABLE SIZES:

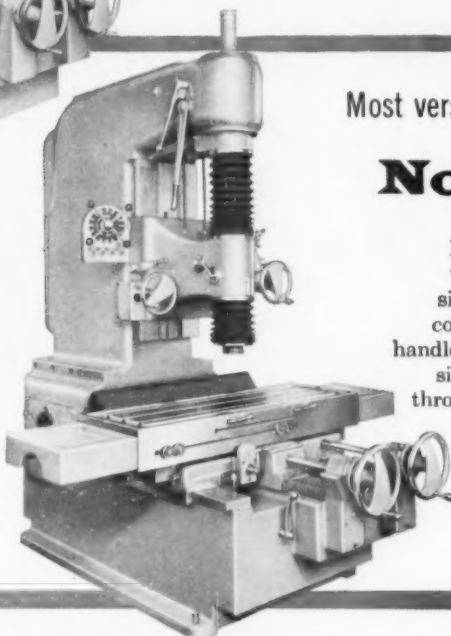
18" x 52"—28" longitudinal travel
18" x 60"—36" longitudinal travel
Column to Center of Spindle,
at table, 21½"

Table to Spindle:

Maximum 27½"

Spindle Feeds:

Variable, .0000"—.010"



Here in one machine is combined extreme working capacity, precision and operating simplicity that promise enormous time and cost economies. Much larger workpieces are handled, than on other machines of comparable size, because of the bigger table and deeper throat. Entirely eliminated are work transfers and extra setups on jobs that normally require 2 single-purpose machines. There are many other profit-making features described in the latest brochure on the No. 60. Write for your copy.

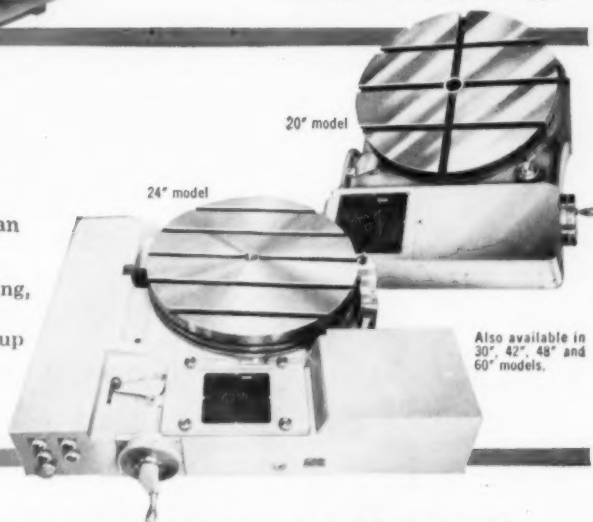
Speed output of your equipment with ...

POWER FEED

Rotary Tables

In minutes, these self-contained motor driven units can be used on any milling, drilling or boring machine.

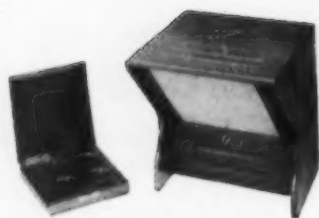
For circular milling, face milling, cycle milling, indexing, automatic positioning, an endless number of special jobs. Easily moved from one machine to another. Setup time is virtually eliminated. No connecting drive to machine is necessary; just plug into nearest electric outlet. Write for illustrated catalog.



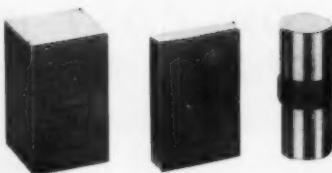
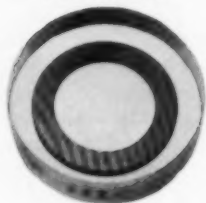
Also available in 30", 42", 48" and 60" models.



W. B. KNIGHT MACHINERY COMPANY
3918 WEST PINE BOULEVARD • ST. LOUIS 8, MISSOURI



LIGHT WAVE EQUIPMENT
OPTICAL FLATS



GAGE BLOCKS



WIRE TYPE
PLUG GAGES



MICROGAGES



TAPER LOCK PLUG GAGES



TRILOCK
PLUG GAGES



LIGHT WAVE MICROMETER



precision measuring tools

The World's most accurate Precision Measuring Tools — tools which check to hundred-thousandths and millionths of an inch — are members of the Van Keuren family of highest quality measuring equipment. Precision-minded shops throughout the metalworking industry are depending on Van Keuren gages to maintain the close tolerances that are increasingly in demand. Some examples of Van Keuren equipment are shown here; write for complete Buyer's Catalog.



MASTER SETTING DISKS



CARBIDE PLUG GAGES



PRECISION LAPPING SERVICE

PRECISION LAPPING SERVICE AND PIVOTS

Van Keuren offers a highly specialized service devoted to the production of precision lapped finishes on parts supplied by customers or manufactured to specifications. Precision steel or carbide pivots with radii, close tolerances and high finish are an example. If the part has "at least one gage characteristic", consult Van Keuren for assistance.



THREAD
MEASURING
WIRES



GEAR
MEASURING
WIRES

10" HYT
Size Gage

Accurate to .000050" over entire range. Patented spring-loaded non-rotating spindle eliminates backlash. Measuring surfaces accessible from front and back. Can be used in a horizontal position. Available accessories: 18" transfer gage, 3" and 6" riser blocks. Priced attractively.



PAT. NO. 2,713,208



THE *Van Keuren* CO.
Since 1920

174 Waltham Street, Watertown 72, Mass.

PRECISION MEASURING TOOLS
... rated the world's most accurate

Plug Gages - Measuring Wires - Optical Flats and Light Wave Equipment - Gage Blocks - Precision Lapping Service and Parts

You don't gamble on **DICE**
for measuring, testing and sorting
that requires the utmost in accuracy, efficiency and speed



Automatic Electronic Micrometers

Get measurements to 10 millionths—read directly on a counter—and eliminate operator discrimination by using a Carson-Dice Automatic Electronic Micrometer. Model PDR for example, equipped with counter read-out, will give you unexcelled performance in “pressureless” measurement of precision parts or materials, particularly those which are compressible or fragile.



Hand-operated Electronic Micrometers

With these simply operated, Carson-Dice Micrometers you can get accurate measurements . . . electronically. A conventional micrometer screw of high lead accuracy, mounted in a specially designed stand with a sensing contact between micrometer screw and material being measured, assures accurate measurement without need for “feel” . . . eliminates errors in human judgment. Model M shown will measure to 20 millionths any thin, compressible material (polyethylene, foil, fine wire, paper, metal strip, film, etc.). Other models, not illustrated, have various work capacities for measuring almost any part or material where a pressureless or a fixed reference pressure is required.



Cyclograph

Your answer to the need for high speed, automatic or manual, non-destructive sorting of metal parts. With the Dice Cyclograph, metal parts, either ferrous or non-ferrous, can be sorted by their metallurgical characteristics such as: analysis, hardness, internal stresses, certain defects. The Cyclograph can be used on raw stock, semi-finished or finished parts. It will sort up to 300 pieces per minute in production line testing, assuring you of uniform quality of parts. It, also, allows you to salvage mixed lots non-destructively.

Maybe we can help you

These are just a few of the outstanding instruments—that have helped make Dice the standard of the industry in precision measuring, testing and quality control. Dice has many other specialized devices available. Let us know of your testing or measuring needs—more than likely, we can be of help. Write or phone—



J. W. DICE COMPANY

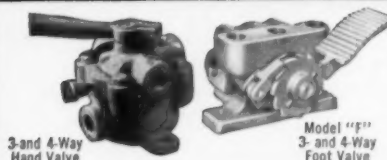
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LOwell 9-0471

NOPAK®

Fluid Power Products

The Complete Line that Meets All of Your Needs

NOPAK Rotating Disc VALVES



3-and 4-Way
Hand Valve

Model "F"
3-and 4-Way
Foot Valve

2-, 3-, and 4-way, are used for hand or foot control of cylinders to 250 p.s.i., air or oil. Rotating disc covers metal-to-metal seal, shielding it from pressure flow or exhaust blast. This simple, rugged, packless construction (only 2 moving parts) has never been equalled for durability. Large variety of operating cycles obtainable. Model "F" shown provides unique 4-way cycle: reverses flow through valve on each pedal downstroke only.

NOPAK-MATIC Poppet-Type Pilot-Operated VALVES



SERIES 420
4-Way

SERIES 310
2-or 3-Way

These fast acting, high volume air valves available in 1/4" to 1 1/4" pipe sizes with master (air piloted), single or double solenoid. Mounting choice: side or bottom ported subplates or manifolds. No valve seats or piston bores machined into valve body. Removing end cover plates gives easy access to air actuated (no springs) piston poppets housed within removable, interchangeable cartridges. No disturbance of piping, wiring or mounting. 100% J.I.C. Standard valves operate as low as 10 p.s.i. Easily modified for vacuum operation.

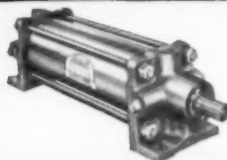
NOPAK FLOTROL® Speed Control VALVES



FLOTROL
Model 20V

Variable Orifice Type capitalizing on the advantages of protected seat, pressure sealing and precision throttling inherent in rotary valve design — this flow control valve incorporates a bronze disc with crescent shaped port rotating over an aluminum body seat to which it is precision lapped. Desired orifice opening is obtained by external rotation of adjusting sleeve, subsequently locked in place by a set screw; 180 degree rotation full open to close. "In line" flow construction results in maximum volume, no restrictions through adjusting needles.

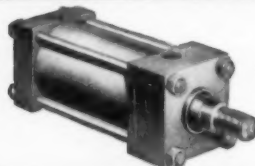
NOPAK Class 1, 2 and M* CYLINDERS



Model A
Class 1 & 2
NOPAK Cylinder

Brass Tubing — Tie-Rod Cylinders with semi-steel cast heads for air, oil, or water service. Diameters from 1 1/2" to 16", suitable for 250 p.s.i. Large selection from Shelf-Stock. Class 2 Cylinders have cylinder wall recessed into cylinder head, sealed by fibre gaskets. Class 2 recommended for air, oil, or water at pressures to 500 p.s.i. During the past 20 years they have earned a reputation as "The most cylinder for the least money."

NOPAK Class 3 Square Head CYLINDERS



Square Head
Cylinder

For Hydraulic service at pressures to 3000 p.s.i. Compact steel plate, square head, and tie-rod construction. Honed steel tubing. Heads adjustable cushioned or non-cushioned. 18 standard mountings. Interchangeable with other well-known square head hydraulic cylinders.

NOPAK Class 4 Hydraulic CYLINDERS



Model E
Class 4 cylinder

These high-pressure hydraulic cylinders are fabricated from heavy, honed steel tubing with lock-ring flange construction which permits head rotation for most convenient mounting. No tie-rods! Built for hydraulic service to 4000 p.s.i. Choice of cushioned or non-cushioned heads; 5 standard mounting styles.

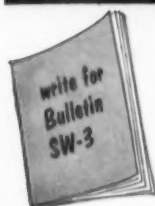
* Class M Cylinders (Mill Type) have welded flange construction with honed steel tubing. No tie-rods. For all types of Heavy-Duty service at air or hydraulic pressures up to 750 p.s.i.

NOPAK

VALVES and CYLINDERS

GALLAND-HENNING NOPAK DIVISION
2750 S. 31st STREET • MILWAUKEE 46, WIS.

AG-647



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wide awake men tool up with
ADAMAS CARBIDE.....

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Tool Tips,
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ADAMAS CARBIDE
CORPORATION
KENILWORTH, NEW JERSEY

*Are You Shaving It Close On
Capital Investments?*



Weisser

Heavy Duty LATHES

**Increase Your Production Without Enlarging
Your Plant... Without Additional Skilled Labor**

All Weisser Lathes have the following features . . .

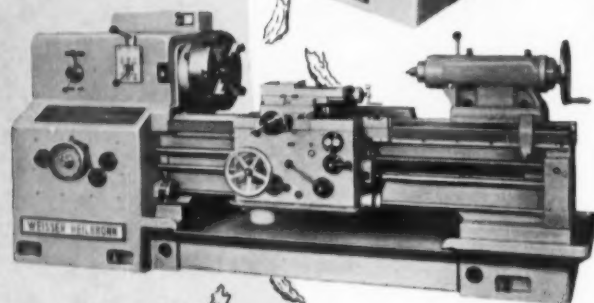
- Hardened and ground gears (headstock and feed box)
- Hardened and ground ways • Reversing clutch • Automatic lubrication • Spindle brake • Totally enclosed feed box
- Priced right (All prices indicated below are F.O.B. New York)



JUNIOR 16"

The ideal machine for small and medium jobs

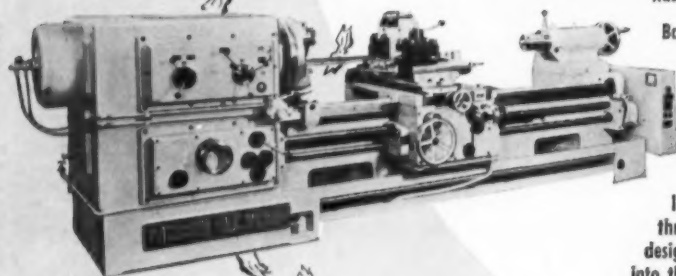
- Centers distance 30" to 100"
- Speed range up to 1800 RPM
- Gap on request
- Base price (40" center) **\$3908.00** (weight 3300 lbs.)



SENIOR 24"

Heavy duty machine for high production

- Centers distance 40" to 120"
- 18 spindle speeds up to 1400 RPM
- 20 HP Main motor
- Base Price (60" centers) **\$8678.00** (weight 8490 lbs.)



GIGANT 30"

The most advanced design in heavy duty lathe; automatic spindle change from apron by electro magnetic clutches. Preselective feed change. Rapid traverse. As easy to operate as a bench lathe, but has plenty of power. Usually equipped with 30 HP motor.

Base Price (80" centers) **\$14,520.00** (weight 15,200 lbs.)

Other models available: GOLIATH, NESTOR, SPECIAL "T" LATHES up to 80" swing.

Weisser Machine Corporation invites your consideration of high quality Weisser Heilbronn precision built lathes designed to increase your production through the highest proficiency of performance—designed to lower your costs through the incorporation into the lathes of extraordinary heavy duty durability and unusual advantages which provide an optimum in economic operation.

Weisser MACHINERY CORP.
1539 W. ELIZABETH AVE., LINDEN, N. J.

OVER 50 YEARS A LEADER

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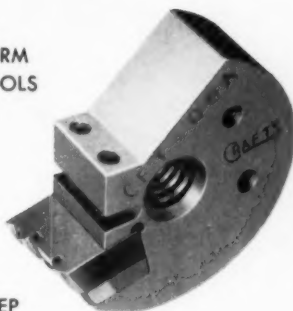
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Unusual applications of our clients have resulted in our pioneering in the fields of Carbide Crush Grinding Rolls, Norbide-lined Compacting Dies, tools for Printed Circuit Panels and many others. You can save time and increase efficiency by wear-proofing your tools and mechanisms with Diamond, Carbide or Norbide. For factual information on benefits available to you, **send for Crafts catalogues on: Diamond Dressers, Carbide Gages, Carbide Tooling for Automatics.**

DIAMOND
DRESSERS



FORM
TOOLS



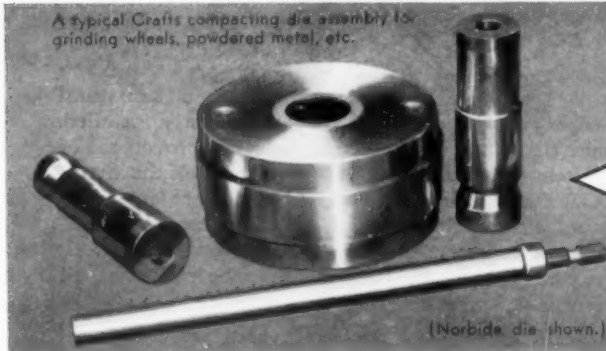
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A typical Crafts compacting die assembly for grinding wheels, powdered metal, etc.



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AUTOMATION DEVICES INC.

ERIE, PENNSYLVANIA

IMPROVED and BETTER THAN EVER PADDOCK BALL BEARING BANDSAW GUIDES

- ★ INCREASE PRODUCTION
- ★ ELIMINATE BLADE BREAKAGE
- ★ IMPROVE MACHINE OPERATION

You will stay closer to your cutting line and cut faster when you use Paddock Ball Bearing Guides. Paddock Guides afford firm frictionless support to the blade regardless of the material cut or the speed of the machine. Paddock Guides are highly recommended by insurance companies and safety councils and have proven their value to thousands of satisfied users. Your satisfaction, too, is guaranteed.

Groove in thrust wheel holds back of blade

Two wheels below hold sides of blade



All three wheels are the same size and are interchangeable rotations recommended for longer wear



Model 20 shown above

At the time the above picture was made the blade was traveling 10,000 FPM

Photo at right shows the smallest and largest Bandsaw Guides — made to support 1/4" to 3" blades.



Shipped On Approval - 10 Day Machine Test

PADDOCK TOOL CO.

GUIDE MAKERS SINCE 1920

1416-18 Walnut Street

Kansas City 6, Missouri

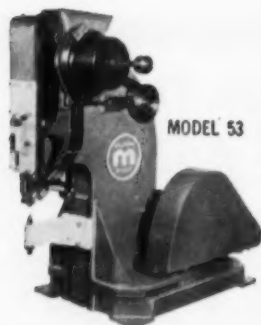
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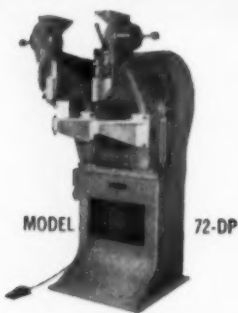
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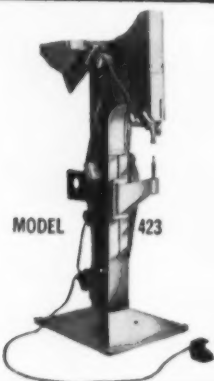


MODEL 53



MODEL

72-DP



MODEL

423

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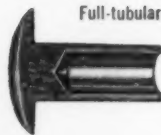
Put together the most efficient, cost-cutting production team in your plant by combining the proper rivet with the right rivet-setting machine. The bonus? The experience, the know-how, the expert help you get from Milford engineers. Not just any riveter will do . . . not just any rivet will do. The secret to maximum efficiency is working closely with Milford to find the right combination for your particular application.

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Single or Multiple Spindle
Automatic or Manual
Operation

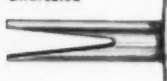
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Full-tubular



Bifurcated



Cutlery



Specials



SPECIAL
MULTIPLE
SPINDLE



MODEL 250



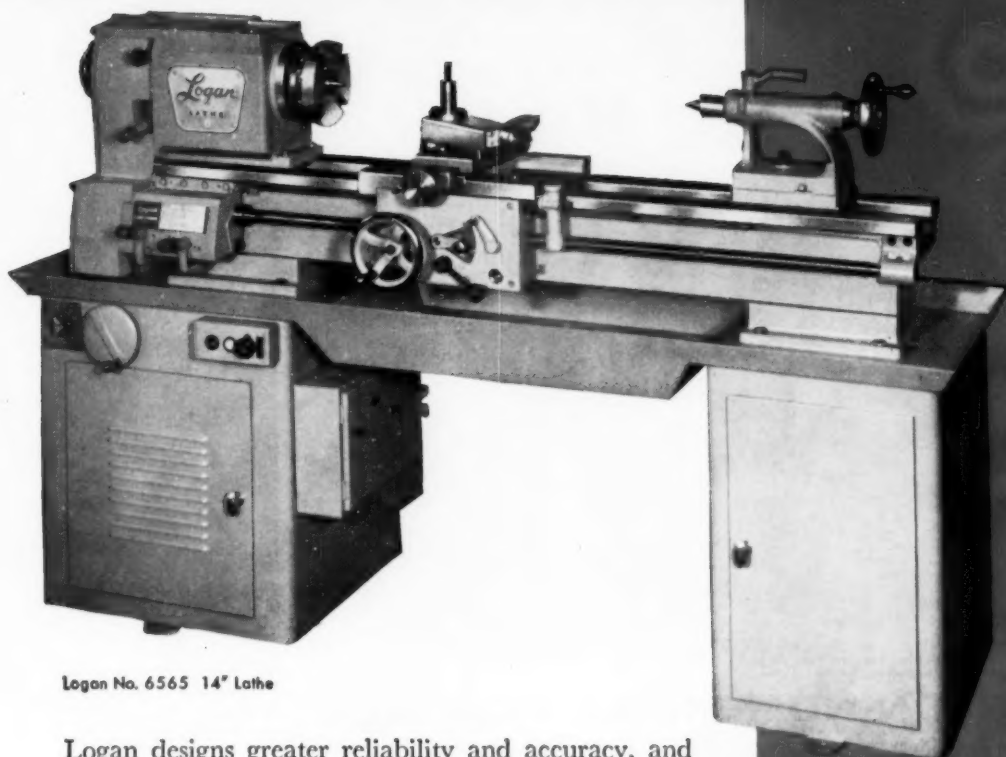
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its specifications add up
to high production capacity

Logan

14" Lathe



Logan No. 6565 14" Lathe

Logan designs greater reliability and accuracy, and longer life into its lathes by a generous combination of high-quality features. For instance—

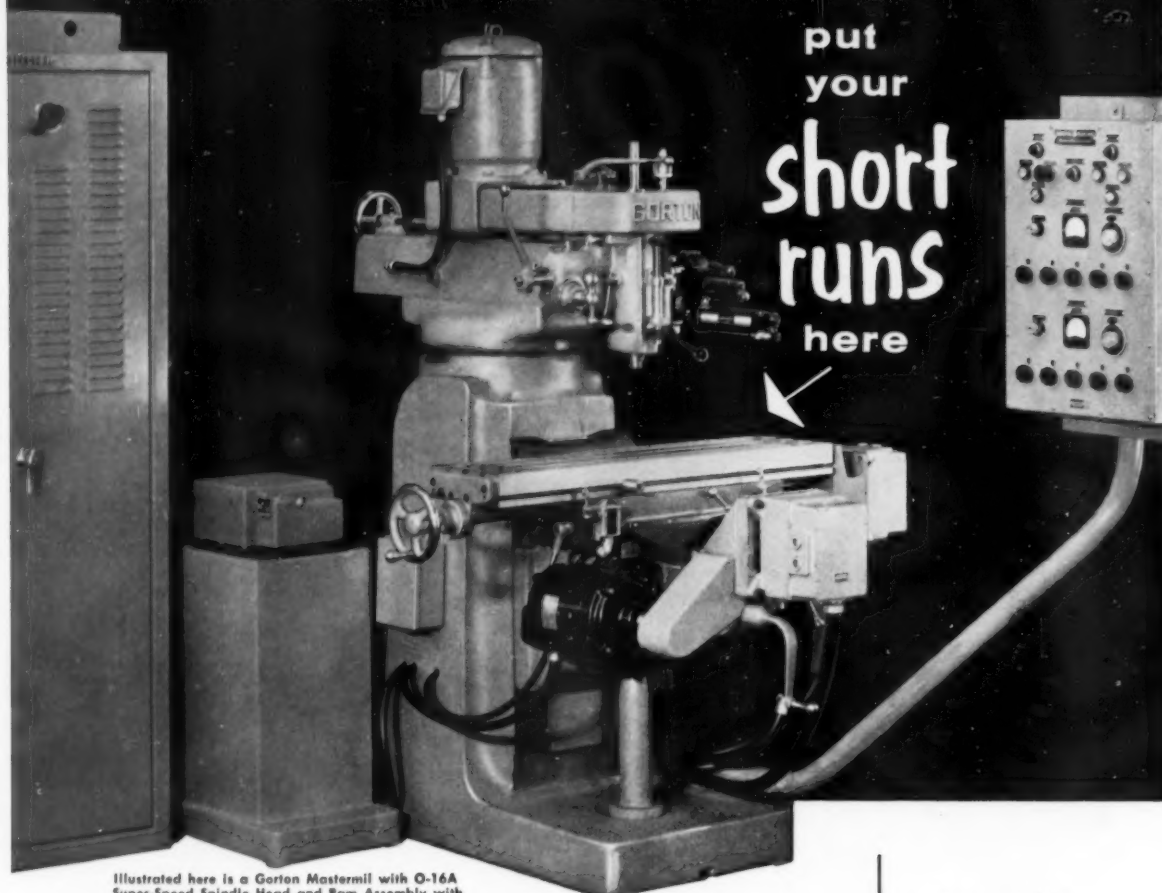
- An oversize spindle with $1\frac{3}{8}$ " bore turns on four super-precision ball bearings with built-in preload
- A variable-speed drive lets you change speed while work is turning—without shifting belts
- A warp-free lathe bed with high, strong walls braced by oversize ribs to withstand heaviest stresses; two V-ways and two flat ways are flame-hardened and precision-ground.

There are many more reasons why this and other Logan Lathes have a greater capacity. The specifications tell the story. Write for literature and complete information.

- Spindle speeds to 2000 rpm.
- $1\frac{1}{2}$ " Levermatic collet chuck capacity
- $14\frac{3}{8}$ " swing over bed
- 9" swing over saddle cross slide
- 40" between centers

LOGAN ENGINEERING CO. Dept. U-659 4901 Lawrence Ave., Chicago 30, Ill.

FOR NUMERICAL CONTROL AT LOWEST COST



Illustrated here is a Gorton Mastermill with O-16A Super-Speed Spindle Head and Ram Assembly with G. E. Mark II Numerical Control System

GORTON NUMERICAL CONTROL *is field tested and proved in use*

This is how Gorton Numerical Control saves you money on short runs:

- eliminates elaborate and costly tools, dies, jigs and fixtures
- wastes no time because operator does not "pace" the work
- makes no mistakes because operator skill not required
- extreme, repetitive accuracy is easy and automatic
- change overs in set-ups can be made quickly
- signals operator when tool changes are needed
- guides cutter in close quarters without damage to work or cutter
- making punched tape is simple typewriter operation

Punched tape... or magnetic tape control... is available to you on SIX standard Gorton machines and also on Gorton custom-designed machines. You'll be agreeably surprised when you learn the low cost of Gorton Numerical Control and how much more it gives you for your money. For full information write

Saves You Money on —

- face milling
- side milling
- end milling
- straight line cavity milling
- slotting
- drilling
- reaming and boring



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2606 Racine St.

RACINE, WISCONSIN

SINCE 1893

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Whatever kind of gears you make...
Whatever way you make them

National Tool Co.

can supply the right type cutting tool
because we make *all* types

National Tool Co., with 50 years experience in the manufacture of special cutting tools, makes all varieties of gear cutting tools for all types of spur, helical and worm gears—as well as for sprockets and splines. Whatever your gear requirements—large or small—National engineers can help you decide the most efficient method of producing them. Many gear manufacturers have found it profitable to look to National Tool Co. for all their gear cutting tool requirements.



Gear Shaving Cutters



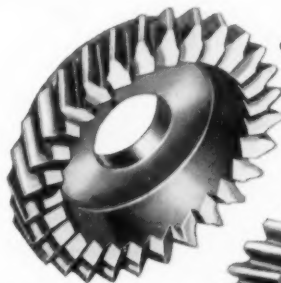
Hobs



Rack Type Gear Shaper Cutters



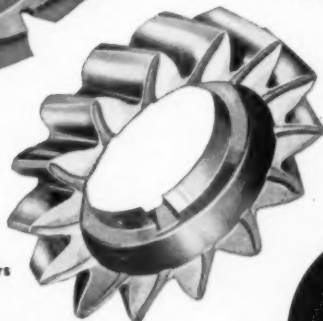
Involute Gear Cutters



Gear Shaper Cutters



Master Gears



Herringbone Gear Cutters

Representatives in major industrial centers

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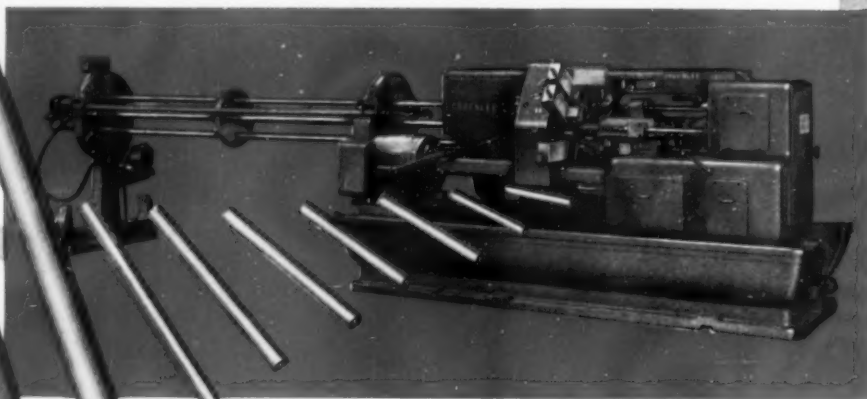
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GREENLEE



AIR-FEED AUTOMATICS

Eliminate Stock Pushers...
Eliminate Scoring of Stock...
Provide For Extra Length Feed-Out...
Reduce Downtime During Set-Up



MULTIPLE FEED-OUT

Permits Greater Job Versatility
and Added Profits

Greenlee Standard and Special Machine Tools

Multiple-Spindle Drilling
and Tapping Machines

Transfer-Type Processing
Machines

Six and Four-Spindle Auto-
matic Bar Machines

Hydro-Borer Precision
Boring Machines

Die Casting Machines

Greenlee Air-Feed Automatics give you a competitive edge. The multiple feed-out arrangement offers a distinct profit advantage in machining many types of parts. Threads and oil grooves may be rolled on any portion of long shafts. Finish forming may be done on either end. See your Greenlee Distributor. He'll show you how Greenlee Air-Feed Automatics will pay off for you.

Write today for Catalog A-405 —
first step on the way to more profitable production
with Greenlee Automatic Bar Machines.



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156	166	176	186	196	206	216	226	236	246	256	266	276	286	296
157	167	177	187	197	207	217	227	237	247	257	267	277	287	297
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4	14	24	34	44	54	64	74	84	94	104	114	124	134	144
5	15	25	35	45	55	65	75	85	95	105	115	125	135	145
6	16	26	36	46	56	66	76	86	96	106	116	126	136	146
7	17	27	37	47	57	67	77	87	97	107	117	127	137	147
8	18	28	38	48	58	68	78	88	98	108	118	128	138	148
9	19	29	39	49	59	69	79	89	99	109	119	129	139	149
150	160	170	180	190	200	210	220	230	240	250	260	270	280	290
151	161	171	181	191	201	211	221	231	241	251	261	271	281	291
152	162	172	182	192	202	212	222	232	242	252	262	272	282	292
153	163	173	183	193	203	213	223	233	243	253	263	273	283	293
154	164	174	184	194	204	214	224	234	244	254	264	274	284	294
155	165	175	185	195	205	215	225	235	245	255	265	275	285	295
156	166	176	186	196	206	216	226	236	246	256	266	276	286	296
157	167	177	187	197	207	217	227	237	247	257	267	277	287	297
158	168	178	188	198	208	218	228	238	248	258	268	278	288	298
159	169	179	189	199	209	219	229	239	249	259	269	279	289	299
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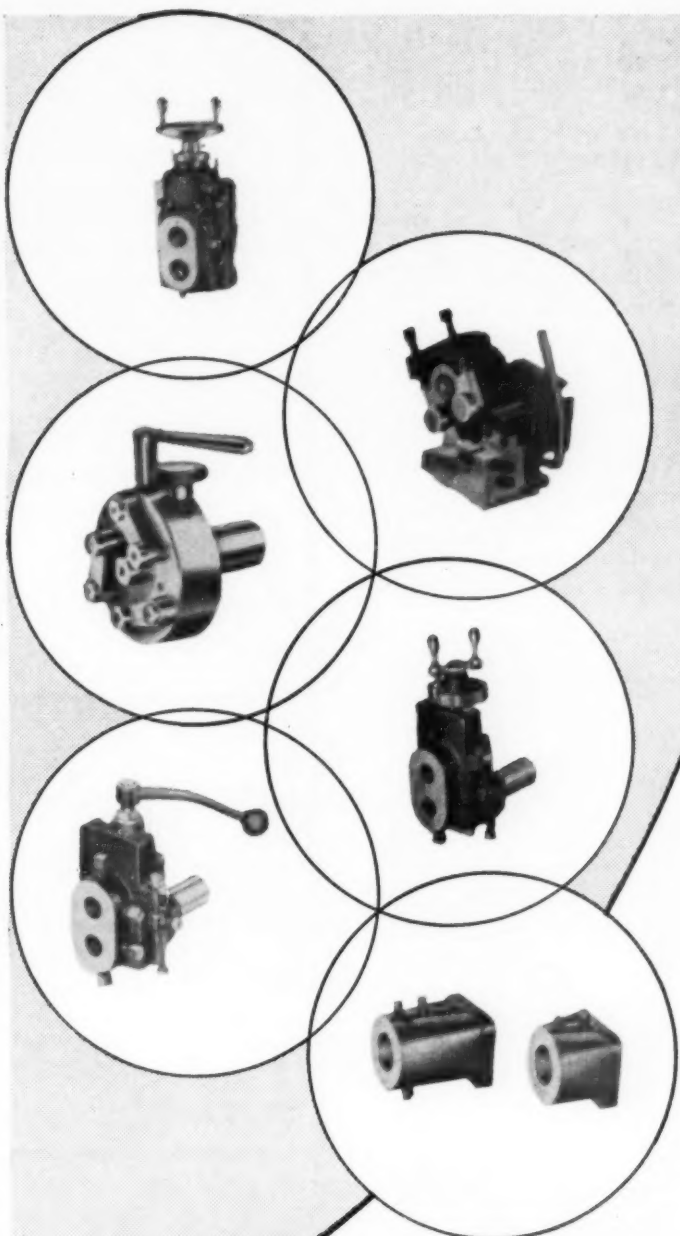
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BUY BESLY!"

Production men who demand the best buy Besly every time. They know Besly tools and gages are made of the finest materials to the very highest standards of accuracy and precision.

These wise buyers also know that Besly products are engineered specifically to help today's production men beat the rising cost spiral. Besly tools and gages insure greater accuracy, longer life, less downtime, fewer rejects, and speedier production.

A complete range of standard styles and sizes are available *immediately* through your Besly distributor. Try him... today!



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118 Dearborn Ave., South Beloit, Illinois

Grinders and Abrasives • Taps • X-Press Taps • Drills • Reamers • End Mills
Tool Bits • Gages • Carbide Tipped Tools, Blanks, Lapped Toss-away Inserts and Holders



Taps... a full line for all materials featuring controlled point diameters and precision concentricity. Modified standards to fill specific needs.



X-Press® Taps. This Besly exclusive forms threads without cutting, without chips. X-Press Taps last longer, cut downtime, boost production.



Drills, Reamers and End Mills. Highest quality, precision-machined, long lasting. Your assurance of consistent performance.



Carbide Tipped Tools, Blanks and Holders. Made to uniform accuracy that insures less downtime and fewer rejects. Wide range of styles and grades to meet every cutting need.



Quality-made Gages that stay accurate longer. Featuring CP-75 chrome finish for 3 to 5 times longer life.



Readdepth, the micrometer that indicates depth at a glance. Large, clear dial saves time checking depth tolerances.

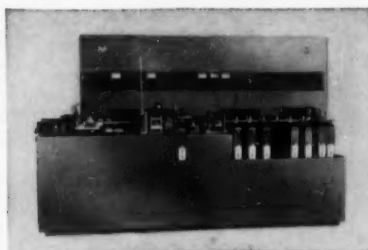
RCA "Building Block" Automation Equipment



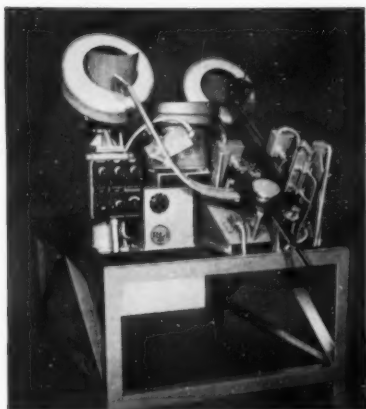
Automatic High-Speed Hardness Testing Machines—Inspect up to 2500 parts per hour with laboratory accuracy.



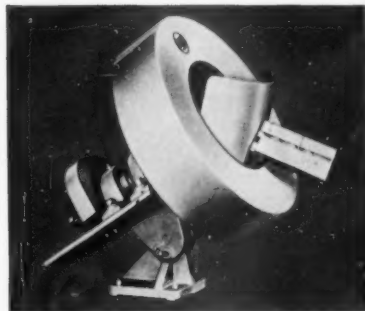
Centerless Grinder Control—Accurate to .000050", RCA self-compensating grinder controls can be used in rough as well as finish operations. Extreme reliability and 100% repeatability are reported by users.



Final Inspection Machines—Equipment similar to the one above, inspect O.D., I.D., length, taper, true roundness. They also provide automatic segregation of inspected parts into almost any desired number of categories, as well as stamping and counting.



Automatic Assembly Machines—This unit automatically assembles bolts and lock washers. It is one of the many assembly machines developed by RCA.



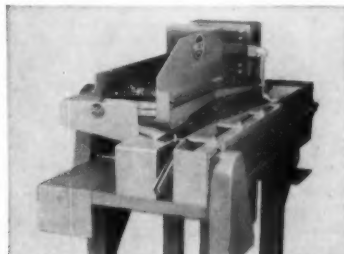
Rotary Hopper—Exceptionally low in cost, RCA rotary hoppers are available with 18", 24", and 30" bowls. RCA orienting discharge tracks for various part sizes and shapes are mounted on the hopper by merely loosening and tightening one screw.



Floor Feeders—High-Speed, "demand-feed" control, broad versatility in parts handled, and large storage capacity make these units ideal for integrating machine operations.



Elevating Orienting Feeders—"Demand-feed" controlled. Handle flat, cylindrical, rectangular and headed parts in a wide range of sizes.



Non-Mar Feeder—Provides "demand-controlled" oriented feeding of fragile or highly finished parts. A wide range of part sizes and shapes can be handled.

Whatever your requirements . . . a completely integrated automation system, or simple mechanization of individual operations, RCA's Industrial and Automation Division offers the most versatile range of such equipment available from any single source. All of these products have proved themselves in actual use. For details, contact your nearest representative or write to RCA.



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12603 Arnold Avenue • Detroit 39, Michigan

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June 15, 1959

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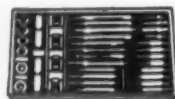
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LATCH BOLTS
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QUARTER TURN SCREWS
SHOULDER SCREWS
JIG FEET (4 TYPES)
SPHERICAL WASHERS
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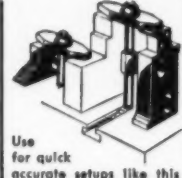
TOGGLE SHOE CLAMPS
REST PADS
C-WASHERS
SWING "C" WASHERS
FLAT WASHERS
TOOLING BALLS
GUIDE BLOCKS
L-AND-T PINS

HOLD DOWN AND CLAMPING TOOLS

T-NUT & STUD SETS
STEP BLOCK & CLAMP SETS
FLANGED NUTS
CUT THREAD STUDS
TEE NUTS
COUPLING NUTS
ADJUSTABLE STEP BLOCKS
STRAP CLAMPS (PLAIN & STEP TYPE)



HANDY STUD SETS
T-nuts to fit your machine
16 sizes carried in stock



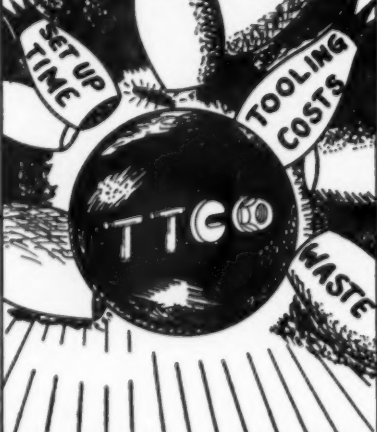
Use for quick accurate setups like this



SURE GRIP STEP BLOCKS



ADJUSTABLE INSPECTION BLOCK



SURE GRIP STEP BLOCKS
5 sizes
hard maple wood
or case hardened steel
blocks are interchangeable



BALL BEARING PARALLELS

FREE
Rulers For
The Asking



QUARTER TURN SCREWS



KNURLED HEAD



FLANGE NUTS



HAND KNOBS



SHOULDER SCREWS



"C" WASHERS



FIXTURE KEYS



JIG FEET
press fit and screw type

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UNISORB Engineered Machine Mounting

Every piece of machinery has its own "vibration personality," load ratings and load distribution, and it is necessary to select the right type and density of machine mount for optimum machine performance and maximum reduction of vibration. The Unisorb line now makes this engineered selection possible. In addition, you can be sure that machines "stay put," even without bolts and lag screws, because Unisorb Cement provides a firm bond until it is necessary to move the machine.

These are the basic UNISORB Types:

Type H — General purpose

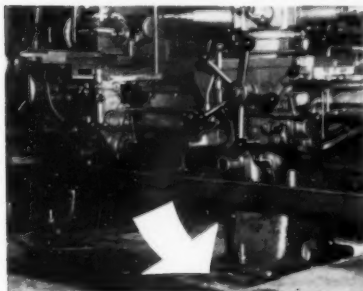
Type E — Light precision machinery

Type T — Long bed machine precision leveling

Type D — Heavy-duty precision leveling

Unisorb Level-Rite LR — General purpose and heavy duty self-contained leveling mount

Unisorb Level-Rite 200 — Light duty, precision leveling device.



More and more companies are instituting "Unisorb Machinery Mounting Programs." This provides a pre-planned mounting system using right type and density of Unisorb and Unisorb Level-Rite for absorbing vibration and securing machine in place. Dake Corp., as shown above, also saved 70% in installation time with Unisorb.



Unisorb is available in sheets and rolls which can be easily stocked and then cut to fit for each machine installation. This saves money and makes it easy to mount everything on Unisorb for maximum noise suppression, vibration control, speed and simplicity of installation.

How to Improve Production Rates and Quality

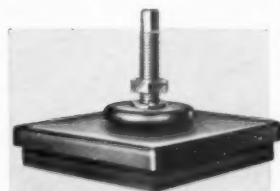


...with

UNISORB 2-in-1 Machine Mounts

- SMOOTHER OPERATION AT HIGHER SPEEDS
- MAXIMUM VIBRATION CONTROL

Unisorb and Unisorb Level-Rite Mounts are used to control the "vibration personality" of different machine types and loadings, and make them operate more efficiently. See how these features can help you . . .



- Absorbs up to 85% of transmitted vibration
- Allows maximum operating speeds
- Improves quality, cuts rejects
- Maintains precise leveling
- Eliminates bolts and lag screws, no floor damage
- Saves from 30 to 75% — by actual report — in installation time
- Lowers noise level, improves worker morale
- Protects machines from vibration, preserves building, fewer replacement parts needed.

Try Unisorb on special trial offer! Send us description of one machine you would like to try on Unisorb. We will send correct type and density. If not satisfied, return pads and we will credit invoice. Available from leading Industrial Distributors; or write or call today.

UNISORB 200 SOUTH STREET BOSTON 11, MASS.

Want more information?
Send for Unisorb
Consolidated Facts
Bulletin!



Division of The FELTERS CO.
Please send me a Unisorb Sample and
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Webber Gage Blocks

Insure the Accuracy Essential To Mass Precision Production

Making Webber Gage Blocks is a science—a combination of human skill and the world's finest mechanical and laboratory equipment, both highly specialized. Only with such a combination can gage blocks be made to meet the high standards which Webber steadfastly maintains. Webber can fill your every gage block need, with the most complete line of gage blocks and related accessories.



SQUARE Gage Blocks

In Standard Steel and
CROBLOX (solid chrome carbide)

In 88, 85, 84, 81, 36, and 34 Block Sets
Accuracies, both steel and Croblox, "B" + .000006 "A" + .000004
— .000002 — .000002

Illustrated — Set No. 88A with Accessories



HEAVY DUTY GAGE SET 84 Blocks

WEBBER ACCESSORIES—permit using gage blocks directly as snap or ring gages, scribers, and with a base block, as a height gage.

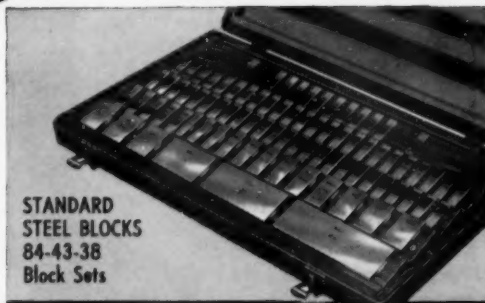


WEBBER TEMP-CHECK
Essential wherever
accurate control of
temperatures is a must.
Measures liquids, gases
or solids. 4 Models.



THE NEW WEBBER OPTICAL HEIGHT GAGE

Micro Accurate
Vertical Measurements up to
61 inches.



STANDARD STEEL BLOCKS 84-43-38 Block Sets

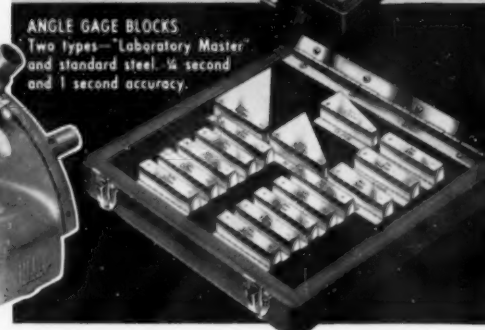


"THIN BLOCK" Gage Set 30 Blocks



"CROBLOX" GAGE SETS

Solid
Chrome Carbide
82, 33, 36 and
14 Block Sets



ANGLE GAGE BLOCKS

Two types—"Laboratory Master"
and standard steel. 1/2 second
and 1 second accuracy.



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GAGE COMPANY

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LARGEST EXCLUSIVE MANUFACTURER OF PRECISION GAGE BLOCKS

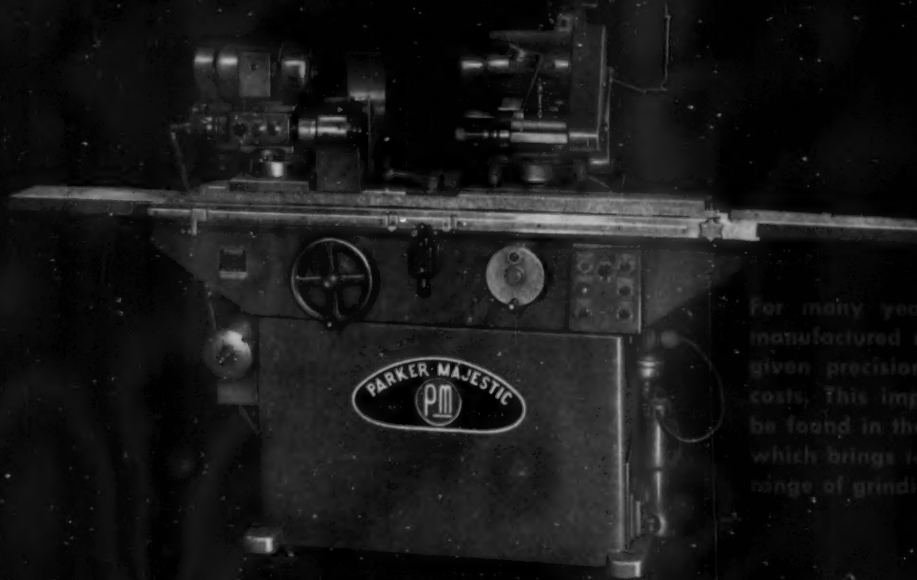
• GREATER IN PERFORMANCE

• LOWER IN COST

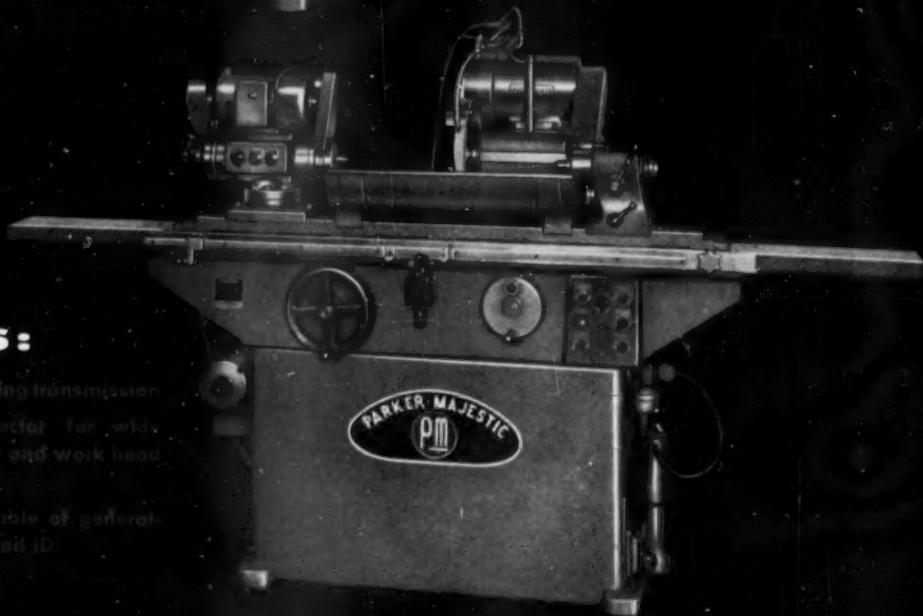
THE NEW

Parker Majestic

No. 2 UNIVERSAL GRINDER



For many years, Parker-Majestic has manufactured machine tools that have given precision performance at lower costs. This important factor will again be found in the new Universal Grinder which brings to industry a much wider range of grinding operations.



FEATURES:

- 1 Electromagnetic reversing transmission
- 2 Dial type speed selector for wide range of table traverse and work head rotational speeds
- 3 100% universal. Capable of generating angles, both OD and ID

PARKER • MAJESTIC



PRECISION MACHINES

PARKER MAJESTIC, INC.

DETROIT 7, MICHIGAN

BUILD UP **SPECIAL** MACHINES
FASTER...AT LOWER COST...WITH

Gilman PRECISION SLIDE ASSEMBLIES

...available
FROM STOCK
in **132** standard types and sizes

SAVE design and production time and cost... build up your special machines around Gilman standard, stock slide assemblies.

To fit every need, you can select from 132 different slide models, in a range of useful sizes and offering various types of operation. And you can depend on every Gilman slide assembly to match the quality and precision of your finest equipment!

LIGHT DUTY SLIDES — Perform efficiently on many average or lighter applications within their range and capacity.

HEAVY DUTY SLIDES — For applications where forces acting on the slide require a heavier, more rigid construction. Provide greater stability—permit longer overhang—have more thickness for mounting tools, fixtures, etc.

CONSTRUCTION DETAILS

- Stroke lengths from $\frac{3}{4}$ in. to 8 in.
- Slide working surfaces from 2 x 3 in. to 8 x 24 in.
- Light duty and heavy duty models.
- 8 major types to fit every need.
- Milled or hand scraped sliding surfaces.
- Slides move on dovetail ways, provided with a steel gib.
- Heat treated, high tensile gray iron castings—precision machined and ground parallel top and bottom.

THESE 8 MAJOR TYPES FIT ALL YOUR NEEDS...



LIGHT DUTY
BASIC TYPE



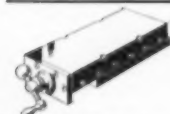
HEAVY DUTY
BASIC TYPE



LIGHT DUTY
TYPE WITH
RETURN SPRING



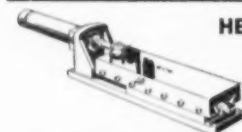
HEAVY
DUTY
MICROMETER
STOP TYPE



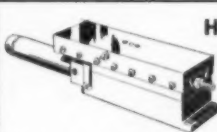
LIGHT DUTY
LEAD SCREW
TYPE



HEAVY DUTY
LEAD SCREW
TYPE



HEAVY DUTY
CYLINDER
POWERED
(in-line
mount)



HEAVY DUTY
CYLINDER
POWERED
(lower
mount)

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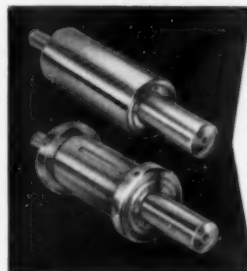


RUSSELL T. GILMAN, Inc.

627 Beech St. • Grafton, Wis.

Gilman CARTRIDGE TYPE SPINDLE ASSEMBLIES

...available from stock
in **28** standard
types and sizes



(Left, above) plain type. (Left, below) with longitudinal positioning nuts. Both are shown with BLANK SPINDLE END for machining by user.

THESE standard spindle assemblies save you time and money on special machine construction. Available in plain cylindrical type or with longitudinal positioning nuts. Five types of spindle noses. Range of cartridge diameters from 1.250" to 2.750".



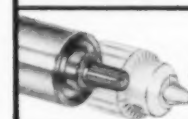
WITH
MORSE TAPER
SOCKET



WITH
STRAIGHT BORE
HOLE



WITH
MOUNTING
ARBOR



WITH
JACOBS TAPER
NOSE

Design Advantages

- Steel spindles are precision machined and ground, with close tolerances maintained throughout.
- Matched, double-row ball bearings at tool end of spindle... single-row ball bearings at the driven end.
- Positioning nuts are graduated in increments of spindle adjustment of 0.001".
- Spindle assemblies can be mounted in a bored hole or in Gilman precision mounting brackets.

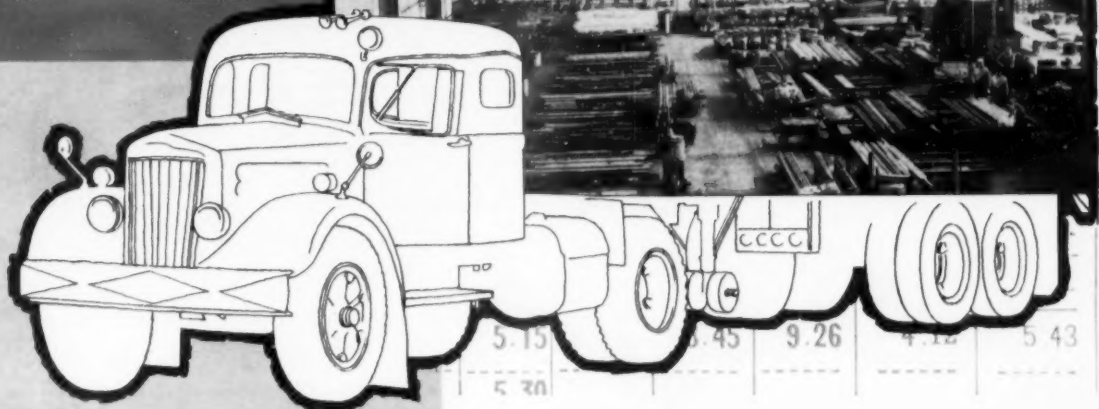


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TOOL and DIE STEELS



LATROBE



Metalmasters

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High Alloy Die Steels

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Extrusion, Die Casting &
Plastic Mold Steels

•
OVERSIZE Flat Ground Die Stock
Oil and Air Hardening

•
Stainless Steel Bars & Billets
for Reforging

•
High Temperature Alloys

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Aircraft and Specialty Steels

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Tool Bits and Drill Rod

Time-table delivery cuts your inventory costs!

When it comes to tool and die steels, you can rely on Latrobe Metalmasters to minimize your inventory problems . . . because:

- Time-table delivery truck system operating between mill and area warehouse keeps local stocks ahead of your demands.
- Large, diversified tool and die steel stocks are located in Latrobe warehouse depots near you.

*Keep your inventory problems to a minimum . . .
call Latrobe for prompt service!*

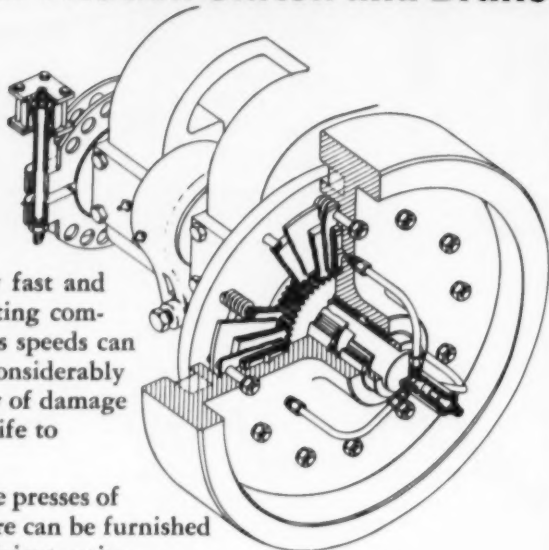
LATROBE STEEL COMPANY LATROBE, PENNSYLVANIA

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Rouselle

Econo-Air Friction Clutch and Brake



An amazingly fast and smooth operating combination. Press speeds can be increased considerably without worry of damage or shortened life to clutch.

New Rouselle presses of 15 tons or more can be furnished with these efficient units — at a fraction of what you would expect to pay.

This electrically controlled air clutch and brake provide FAST, SHOCKLESS engagements with extremely low air consumption practically maintenance free. Clutch is designed to compensate for wear automatically and needs no adjustment even after THOUSANDS OF HOURS OF OPERATION.

Instant starting and stopping are achieved with a small volume of air due (1) to the closely machined air passages, (2) to a flexible, ring-type air seal that moves but slightly and, (3) to the fact that *almost all clutch weight* rotates constantly with flywheel, greatly minimizing inertia.

Write today for
complete details
30 models 5 to 40 ton

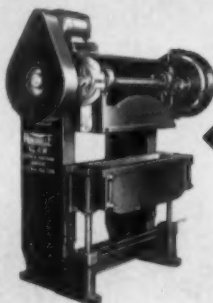
MANUFACTURED BY

Service Machine Co.
2310 WEST 78th STREET
CHICAGO 20, ILLINOIS

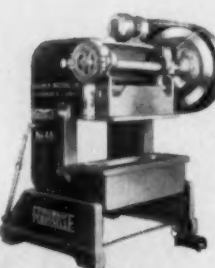
Sold Exclusively Through Leading Machinery Dealers



Model 40H (40 ton) Horn Press. In addition to extra large die space, press has adjustable bed for quick changes to a wide variety of work. Slugs or blanks fall through table without interference from elevating screws. Special beds can be furnished for additional die space.



No. 4W Double Crank Gap Press with Adjustable bed enables this press to handle many more kinds of jobs. Die space can be varied over a wide range. Press can be furnished with either flywheel or back gear drive and with Econo-Air clutch and brake for maximum output and convenience.



No. 4B Double Crank OBI Press with Econo-Air Clutch and Brake. Has large bed and ram area combined with open back, inclinable feature. When equipped with electrically controlled Econo-Air clutch and brake, it operates with extremely low air consumption. Single stroke or continuous operation are obtained at the flip of a switch. Jog control facilitates set-ups.

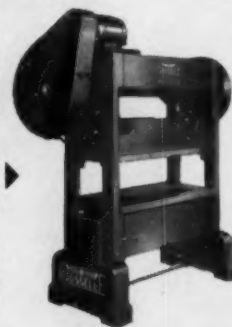


Model 4 (40 ton) Open Back Inclinable Press. Open back facilitates easier material handling. Has generous sized bearings to permit smooth, accurate, up and down strokes for uniform presswork... Features include Extra Heavy Frame, Replaceable Bearings and can be furnished with Econo-Air friction clutch and brake for maximum production and higher speeds.

Model 4G (40 ton) Deep Throat Press. Can handle large sheets and also perform many regular operations such as stamping, shearing, notching, piercing, forming and bending. Though designed for accurate, maximum-speed metalworking, they are equally adaptable to paper, plastic, fibre or rubber. Model 4G permits working to center of 48" sheets.



Straight Side Double Crank Presses. Available in three sizes with bed areas up to six feet. Four long ways provide a rigid, four corner, ram support. Presses are ideally suited to handle wide rolls of sheets of material including plastics, paper, leather and sheet metal. Can be furnished with die spaces up to 24" and with Econo-Air clutch and brake for maximum production and operating convenience.





COST-SAVING METHODS

... with UNIPUNCH Hydraulic PRESS

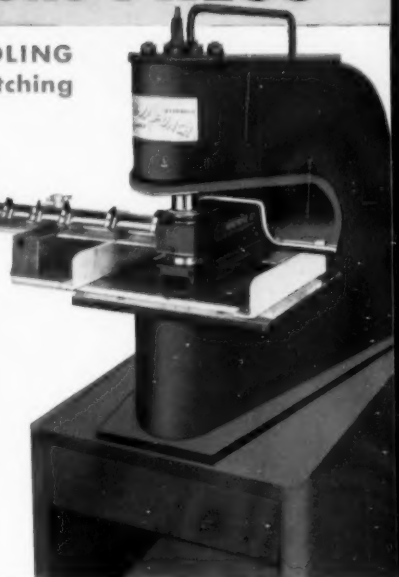
This ALL NEW 10 TON UNIPUNCH PRESS with UNIPUNCH TOOLING punches holes in sheets, angles, channels and extrusions plus notching operations...more economically and more efficiently.

UNIVERSAL USE—may also be used for small stampings and light bending operations.

Only UNIPUNCH PRESS has ALL these features—

Exclusive (pats. pend.) hydraulic control provides self-adjusting, self-compensating power stroke with positive stop automatically determined by punch breakthrough in metal, eliminates close ram adjustment when punching various thicknesses of material (28 gauge to 1/4" material without adjusting ram) • Simplicity of design (air-hydraulic) • Minimum of moving parts • Operates at 10 tons from 75 pound air line pressure • 100 strokes per minute • 1 7/8" ram daylight adjustment • Foot operated control • No double stroking • 15 1/2" throat depth without gauging • Gauging from center of ram to left 24" and front to back 12" (punches to center of 24" sheet) • Gauging equipped with 7 adjustable stops • Optional gauging over 24" available • Equipped with 5 standard packages of UNIPUNCH tooling for punching and notching operations.

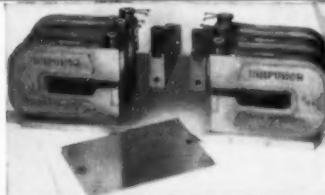
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... with UNIPUNCH Unitized TOOLING for PRESSES and PRESS BRAKES



1 Above custom made, single-purpose conventional die for punching 6 holes costs approximately \$325.00.



2 UNIPUNCH template set up of 6 units to punch the same six holes as the custom die above costs only \$271.36.



3 The same UNIPUNCH Units as shown in photo No. 2 with six different diameter holes in angles requires only 6 punch bodies and 6 die buttons and reduces cost of tooling the second part to only \$23.76.

The UNIPUNCH METHOD uses a wide range of standard interchangeable units and parts to lower production costs. This method permits any number of units to be set up quickly outside the press, placed on press bed and produce finished parts with first stroke of press ram. Nothing is attached to press ram...down-time cut to minutes.

The same group of units may be set up in unlimited patterns keeping the tooling investment in continuous operation for greater savings. An example of these savings by the UNIPUNCH Method is shown at left. It's a great BIG economy story.

Write Today for **FREE** Methods Book

Showing a typical UNIPUNCH Series "A" Hole Punching Unit for punching .125" to 2.000" dia. round and shaped holes in 1/16" to 1/4" thick material.



PUNCH PRODUCTS Corporation
2800 Highland Ave., Niagara Falls, N. Y.



KENNAMETAL* CEMENTED CARBIDES

a complete line of carbide tools, blanks, inserts, tips, cutters, blades, mills, wear parts for machines and processing equipment.

*Trademark

for every requirement: cutting, drilling, boring, planing, burnishing, facing, chamfering, profiling, grooving, scraping, shaping, reaming, abrasion-resistant parts.

long life, low cost. Kennametal has high resistance to wear, impact, corrosion, deformation and deflection... providing long life, high productivity, low costs, minimum downtime. 07210

Send for catalog and prices. Write KENNAMETAL INC., Latrobe, Pa.

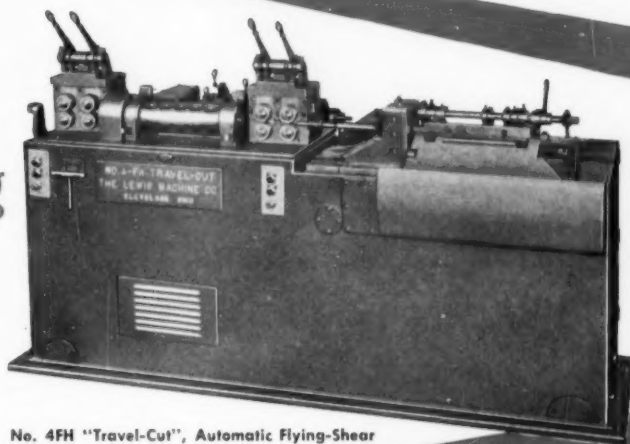


INDUSTRY AND
KENNAMETAL
...Partners in Progress

500 Feet Per Minute!



With a Lewis Wire Straightening and Cutting Machine



No. 4FH "Travel-Cut", Automatic Flying-Shear Wire Straightening and Cutting Machine designed for high-speed cutting. Capacity in cold steel, $\frac{3}{4}$ " to $\frac{1}{4}$ " ... high carbon, alloy and stainless $\frac{7}{16}$ " maximum.

★ The Lewis No. 4FH is typical of the new developments Lewis engineers have perfected to meet tomorrow's production schedules today. For example, the amazing No. 4FH, designed for straightening and cutting short lengths, can produce 18,000, 12"–18" lengths of $\frac{1}{4}$ " welding rod per hour.

Now, Lewis announces a further development, the new No. 4FHA, designed for straightening and cutting any length at speeds up to 500 FPM. The No. 4FHA is

a high-speed Travel-Cut Flying-Shear model equipped with Air Clutch and Air Brake.

A compound sliding gear transmission has six fly-wheel speeds and 20 feed speeds through the range of 75 to 520 FPM, permitting the selection of the correct speed for various diameters and materials.

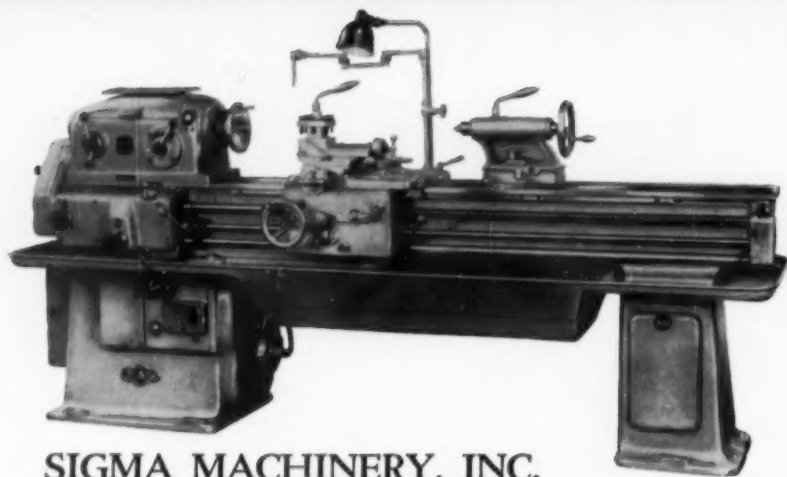
There are 46 models in the Lewis line designed to handle wire from .012" to 1" in diameter. Write us . . . we have a machine to meet any wire straightening and cutting requirement.

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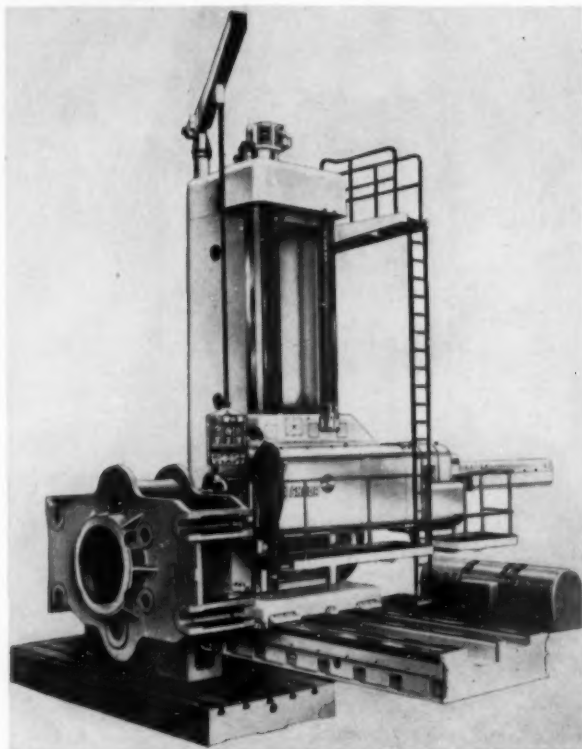
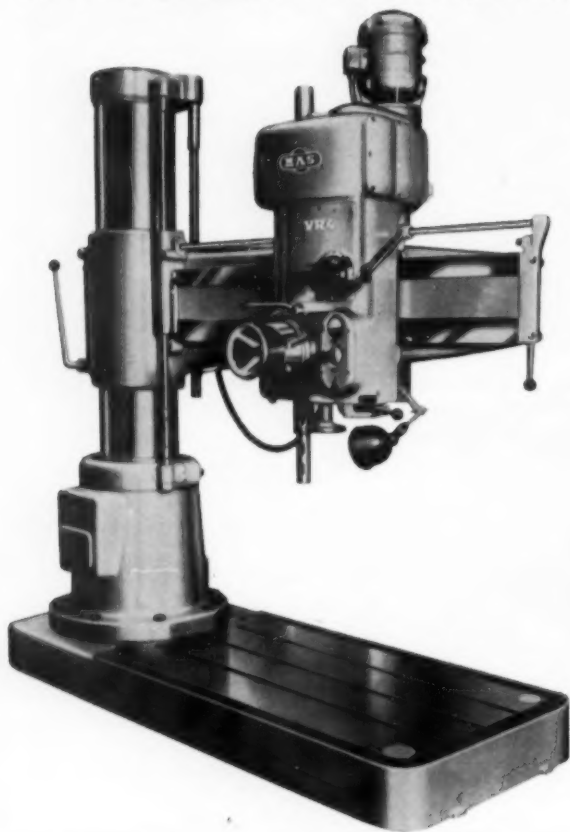
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A Division of Curtin Mfg. Co.



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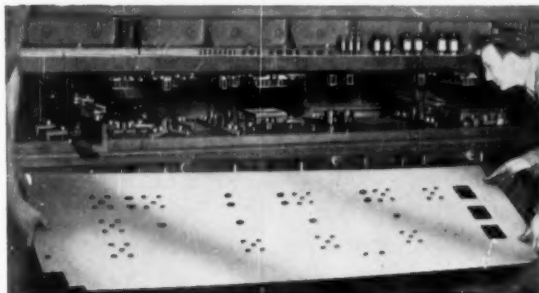
**PUNCHES AND DIES
STOCKED IN .001" INCREMENTS
FROM .100" THRU .500" DIA.**

OVER 2700 PLANTS are saving money with WHISTLER DIES



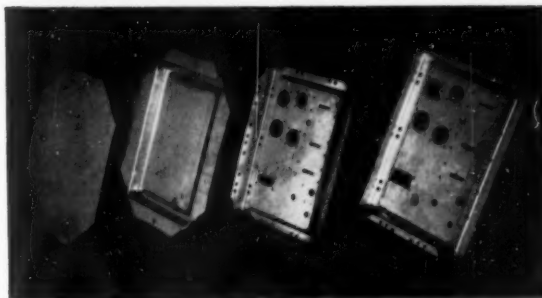
MAGNETIC PERFORATING DIES

All parts reusable and interchangeable. Punches and dies stocked in .001" increments from .100" thru .500" dia. Larger sizes available.



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All parts reusable and interchangeable. Punches and dies stocked in .001" increments from .100" thru .500" dia. Larger sizes available.



manufacturer of all types of
CUSTOM DIES for over 40 years

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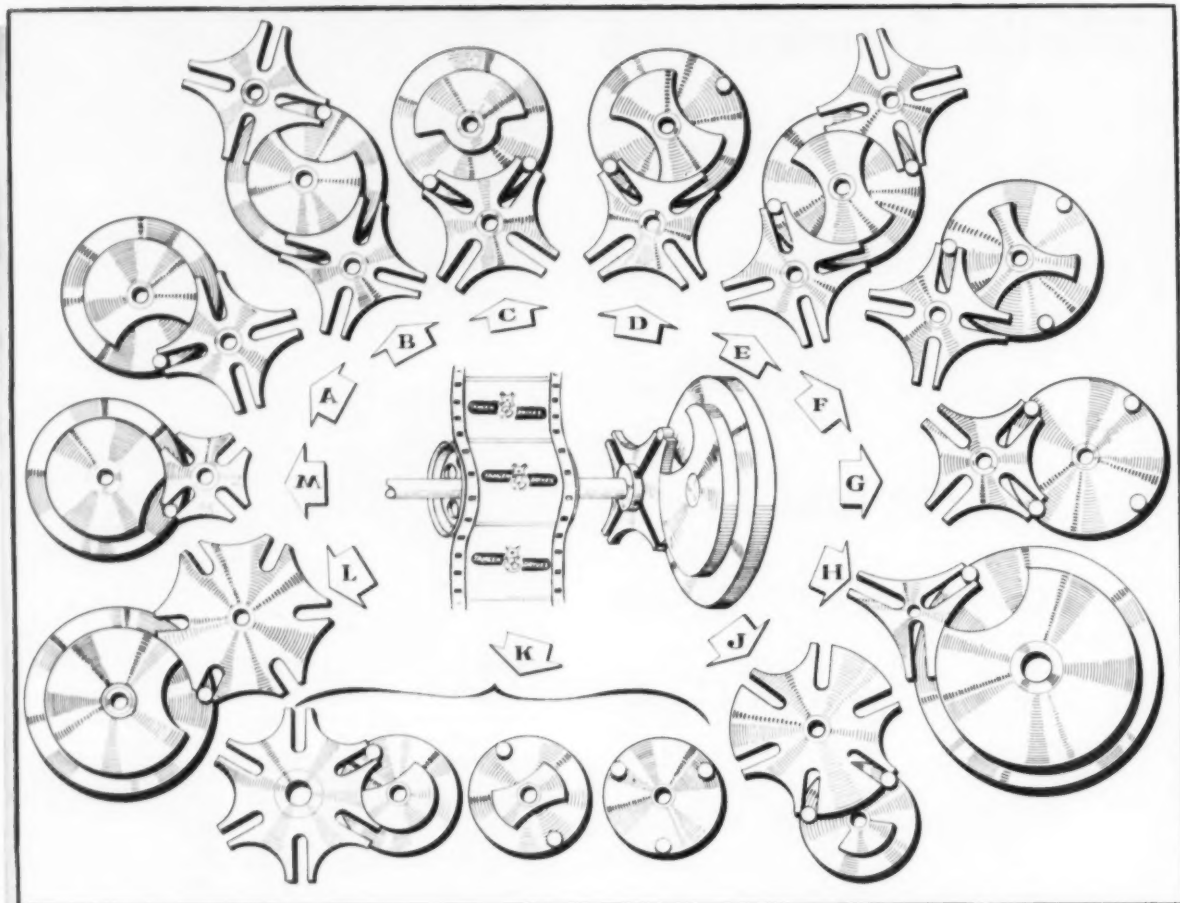
S. B. WHISTLER & SONS, INC.
744 Military Rd., Buffalo 23, N. Y.

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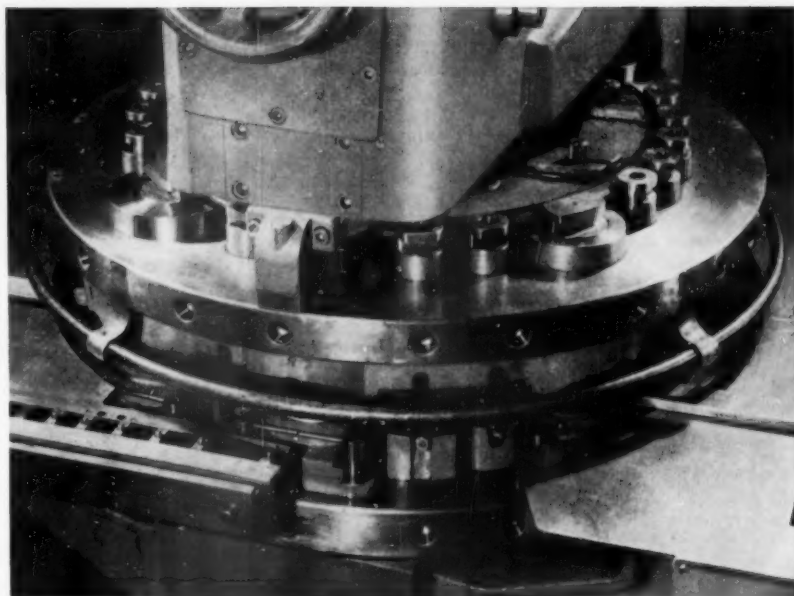
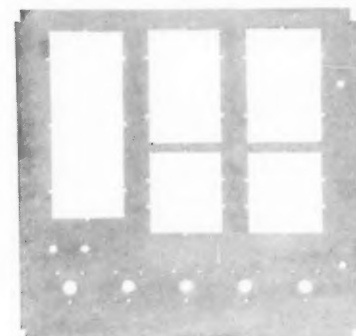
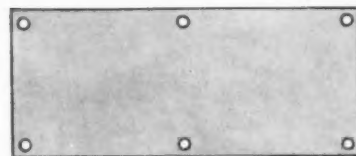
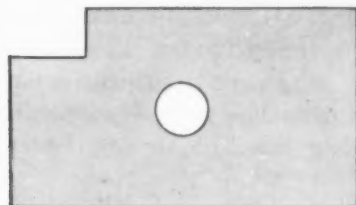
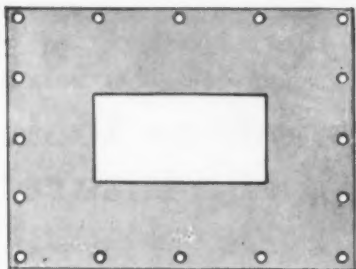


Be sure to send for your copy of our colorful circular which illustrates External Tangen Drives, Internal Tangen Drives, External Tangen Gear Drives, Sealed Intermittent Reducers, Mounted Tangen Drives and Sealed Internal & External Tangen Reducers for indexing to any number of stations and to any degree of accuracy required.



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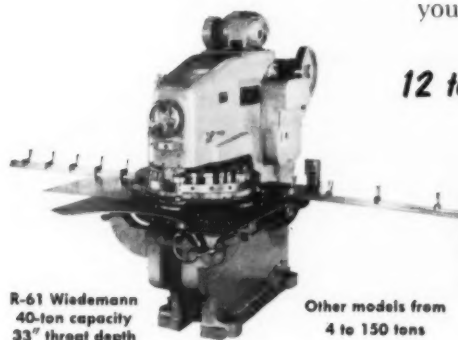
... and ready to locate and pierce openings in low quantity work. Many different jobs can be produced in as little as one minute total time each, as compared with the 15 to 30 minutes or more for setup alone required by other methods.

Work is accurately positioned with a quick setting mechanical gauge and holes of any size or shape are pierced in rapid sequence. From 12 to 32 different punches and dies are in the turrets ready for use. Only one punch and die of a size is required. Layout, costly die sets and multiple tool setups are completely eliminated.

The Wiedemann Method is the positive way to combat increasing production costs. Direct savings of 60% to 90% are commonplace—all the way from engineering to assembly.

Learn how these savings can be yours. Send drawings of your work for time study, and write for Bulletin 301.

12 to 32 Punches and Dies Ready for Use



R-61 Wiedemann
40-ton capacity
33" throat depth

Other models from
4 to 150 tons

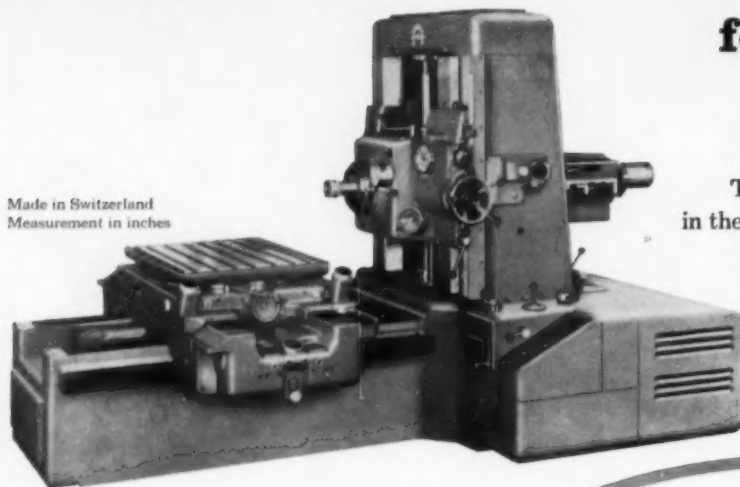
WIEDEMANN
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TURRET PUNCH PRESSES

DEPT. TE-6 • GULPH ROAD • KING OF PRUSSIA, PA.

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Made in Switzerland
Measurement in inches



TODAY... the most progressive products
in the industry... TOMORROW, even greater
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to expand its outstanding line
of machine tools and accessories
in order to serve you better.

AUTOMATIC POSITIONING

with the

DIXI 75

horizontal optical jig borer

offers you increased

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- Automatic positioning can be changed instantly to manual operation.
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- Simplified controls functionally arranged for greater operating speed and efficiency.
- 3" diameter boring spindle.
- Increased capacity: table size 39 $\frac{3}{8}$ " x 32"; 29 $\frac{3}{8}$ " cross travel; 23 $\frac{3}{8}$ " longitudinal travel; 25 $\frac{3}{8}$ " vertical travel.
- Hydraulic feeds and infinitely variable spindle speeds.
- Rear support optional.

*All tools shown here are tested for
performance to American Standards.*

Distributors inquiries invited.

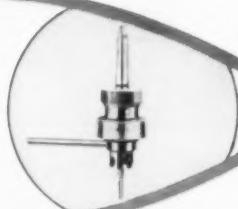
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M.B.I. EXPORT & IMPORT LTD. A DIVISION OF MACHINERY BUILDERS, INC.
475 Grand Concourse, Bronx 51, N. Y. "Over 25 years' experience in designing and building machinery"

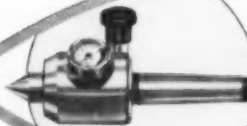
REVERSIBLE SAFETY TAPPING ATTACHMENTS

With adjustable graduated
friction drive, hardened,
ground and lapped.
Precision made throughout.



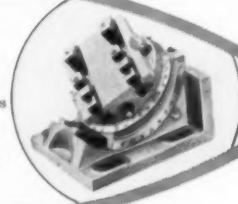
ROEHM AUTOMATIC LIVE CENTERS

Model 600 AR (III.) operates on hydraulic
principles and provides automatic compensation
for work-piece expansion to maintain constant
axial pressure.—Model 600 features manual
adjustment of axial pressure.—We also carry
a complete line of standard live centers.



MULTI-PURPOSE VISES

Horizontal and vertical swivel.
4 stepped jaws permit clamping
of even rough castings, and
irregularly shaped pieces
accurately and quickly, eliminates
special jigs or fixtures.
Narrow jaws allow free access
to and measuring of work pieces
and provide clearance for cutting
tools. Rigid in any position.

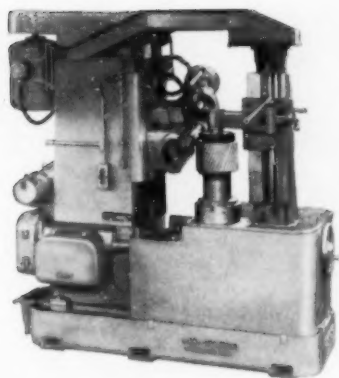


DIAL VERNIER CALIPERS

Eliminate costly reading errors.
Dial indicator reads directly in .001".



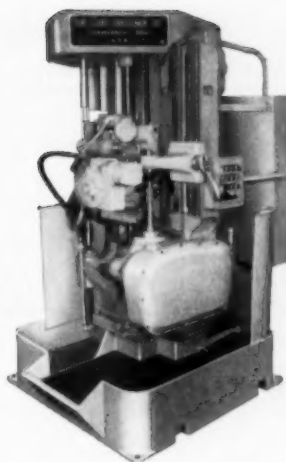
5", 6", 8" and 10" capacities,
in tool steel or stainless steel.
Thumb roll permits quick and
easy operation. Knurled lock
screw. Beam and jaws fully
hardened, ground and lapped.



MODEL R 16"x18"

Here's a machine designed to handle the really big, tough hobbing jobs. Maximum outside diameter 16" (18" with offset tailstock); travel 18"; maximum helix — RH 45° and LH 60°.

Like all Lees-Bradner hobbers, the model R has future capacity built into it.

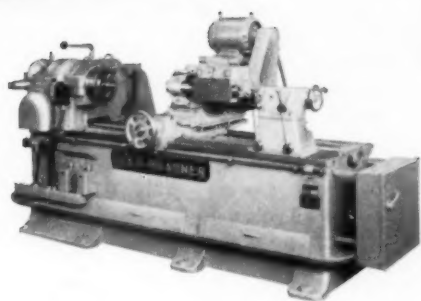


MODEL 7HD 8"x20" Single-spindle Hobber

A heavier, faster machine, the single-spindle 7HD hobber combines ruggedness with simplicity. Production is materially increased by the ease with which hobs can be changed and diameters controlled.

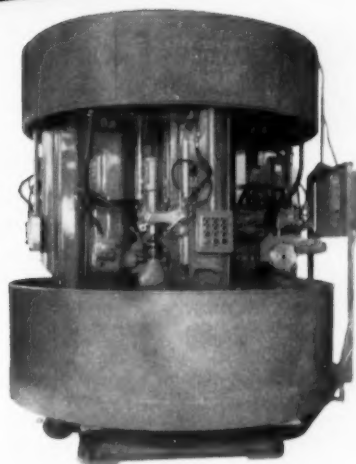
**If you thread or hob
get a better job!**

the **LEES-BRADNER** *Company*
CLEVELAND 11, OHIO • U.S.A.



MODEL HT 12"x54"

A heavy-duty semi-automatic threading machine that has a wide range of leads ($1/32" \times 60"$) and hence the capacity to handle a wide variety of precision threading jobs. It may be adapted to many attachments for special requirements.



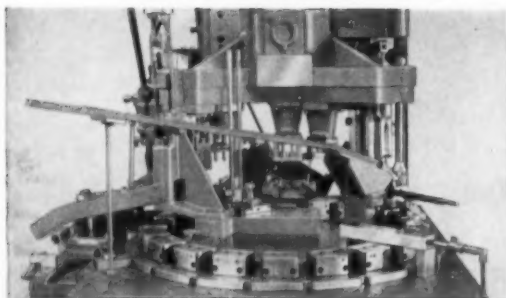
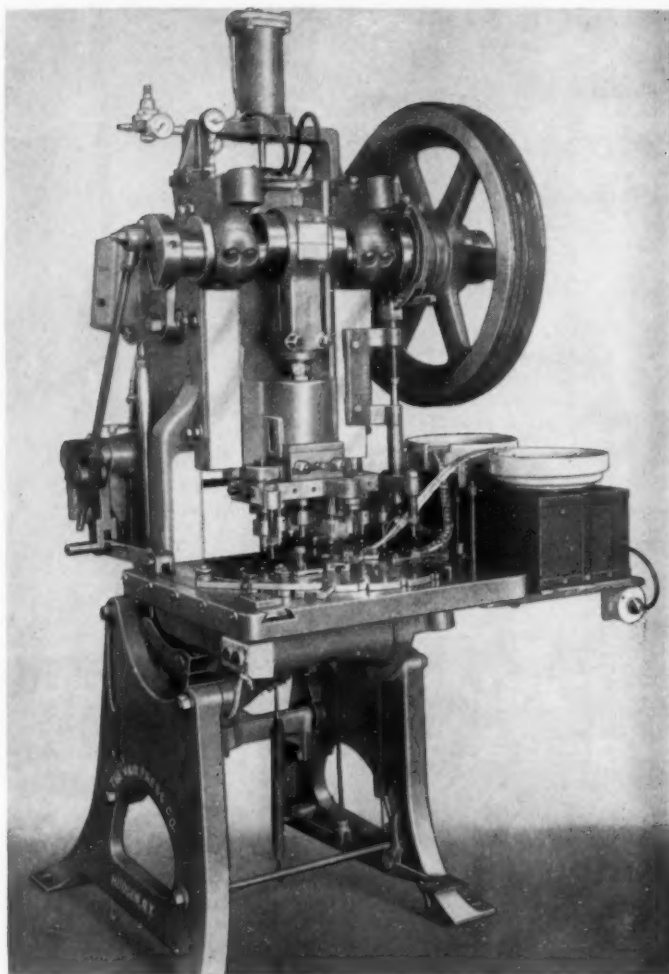
MODEL 7HD 8"x20" 4-Spindle Hobber

The machine is brought up to the operator via the rotary hobbing process for loading and unloading — greatly easing and enormously augmenting output. This model is equipped with Lees-Bradner in-out mechanism and electric hob shifter.

6-spindle model available, as well as the 8-spindle 7-A Rotary Hobber.

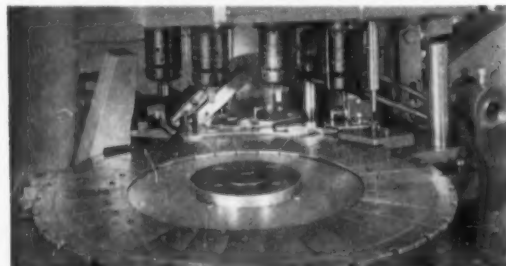
→
Complicated dies synchronized with hopper feeds require consistent accuracy—you're sure of it with V&O.

**THE MORE INGENUOUS
THE TOOLING
THE MORE REASON TO
GO V&O**



Complex tooling like this needs V&O precision stroking... otherwise maintenance would be prohibitive.

Forming square nuts out of round stock requires sturdy, precise punch travel—you get it on a V&O.



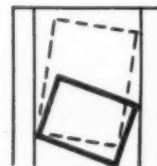
Complex tooling requires and deserves maximum press accuracy. That's why you'll find V & O's wherever ingenuity has demanded the support of precision press operation. Since they were first designed, V & O presses have been built like machine tools. Long slide precision stroking and hand-scraped ways in combination with all around sturdiness of construction assure dependable working accuracies day in and day out.

If you design your own tooling, make sure of optimum performance by putting it on a V & O press. If you have a special production problem that can be solved by automated, high precision tool motions and feeds, take it up with V & O.

Our representative will be glad to tell you more about the V & O presses and the engineering available for equipped production units. Write us, please.

WHY THE V&O LONG SLIDE PROVIDES BETTER ALIGNMENT

With the same running clearance, the longer the slide the less possibility for angular misalignment. And we keep our running clearances extremely close.



EMHART MANUFACTURING COMPANY

HUDSON, NEW YORK

V & O PRESSES AND FEEDS

PERFECT PERFORMANCE *always*

WITH  **CUTTING TOOLS**

● **COUNTERBORES** ● **COUNTERSINKS**

Multi-diameter design is recommended for combined operations such as counterboring, chamfering, spot-facing, and reaming. H.S.S. & T.C.T. Standard single diameter counterbores and countersinks available in a wide range of sizes in H.S.S.



● **INVERTED SPOT-FACERS**

For back spot-facing, counterboring and countersinking surfaces inaccessible by normal means. Standard back spot-facers available in H.S.S. from 1/2" diameter thru 2 3/4". Specials in H.S.S. & T.C.T.



● **CORE DRILLS**

Two-piece core drills with replaceable cutters for core drilling and enlarging cored holes in castings and forgings. H.S.S. & T.C.T. Stocked in sizes 1 1/2" diameter thru 5" in H.S.S.



● **END MILLS**

"Precision Form Ground from the Solid" End Mills with stronger, keener cutting edges which produce finer finishes at higher speeds and feeds. Stocked in sizes 1/32" thru 1 1/4". H.S.S.

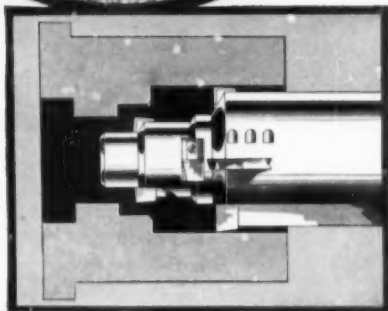


Write for Counterbore Catalog C 59

End Mill Catalog E 58M

ECLIPSE COUNTERBORE COMPANY
1600 BONNER AVE., DETROIT 20, MICHIGAN

NOW MADISON GIVES YOU ONE MATION AND SERVICE ON TOOLS



Boring and Reaming

**ADJUSTABLE, REPLACEABLE BLADES
CUT TOOLING, PRODUCTION COSTS
70% AND MORE, ON HOLES OVER 5/8"**

- **Diameters adjustable within 1/4" range:**
Blades are expandable to original diameter after regrinding to give maximum tool life and accurate tolerance control. Grind blades for sharpness only . . . then set to size with adjusting screw.
- **Blades replaceable, interchangeable:**
Madison slotted bars wear indefinitely. You replace blades only . . . costs averaging less than 1/3 that of solid reamers. Cutters can be adjusted at machine . . . Downtime is negligible. Blades interchangeable with many sizes, cuts tool inventory.
- **Free cutting action . . . no chip pack-up!**
Generous chip clearance permits free circulation of coolant for higher speeds, finer finishes, closer tolerances.
- **Reaming tool is self-centering . . . no alignment problems!**
Cutters *float* in their slots . . . are self-centering in the hole. No floating holders required, no compensating. (NOTE: Cutters in Madison boring tools are locked in place . . . do not float.)

COMPLETE THREE OR MORE OPERATIONS IN ONE PASS!

Madison standard cutters arranged on *specially* made bars, complete many combinations of operations in one pass . . . and on diameters of different sizes: (ie) boring and reaming in one pass . . . or boring, facing and chamfering . . . or reaming three diameters at once. A Madison special bar can be made for your application at low cost.

Trepanning CUTS PRODUCTION TIME 75% AND MORE ON 2" DIA. HOLES OR LARGER

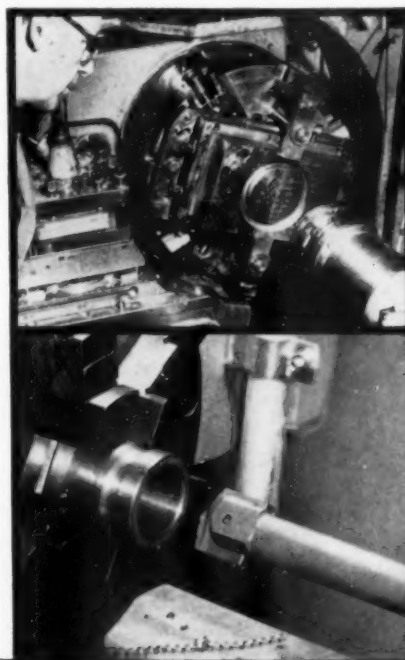
On short or long bores, trepanning eliminates multiple drilling operations. Cutting and chip removal is held to a minimum, since the bulk of the metal is removed as a core . . . in *one pass*.

Production time is normally reduced at *least* 75% with no increase in tooling costs . . . and the hole is vastly superior. It's perfectly straight (tool runout is negligible) with a smoother, finer finish. Tolerances are held easily to within .010 of total, sharply reducing rejects and production costs.

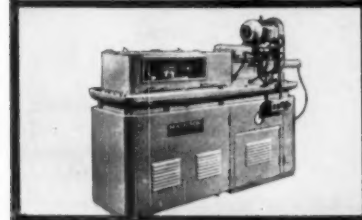
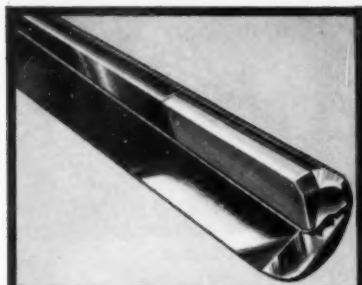
Spade Drilling: INTERCHANGEABLE CUTTERS SHARPLY REDUCE DRILL COSTS, TOOL INVENTORIES:

Madison spade drill cutters can be replaced or changed to other sizes *in the holder* . . . affording major savings . . . since the cost of the cutters is far below that of twist drills.

One holder wears through the life of hundreds of cutters . . . with each holder taking a broad range of cutter sizes . . . thus sharply curtailing tool inventories.



SOURCE FOR COMPLETE INFOR- FOR ANY HOLE-MAKING JOB!



Gun Drilling FOR PERFECTLY STRAIGHT FINE-FINISH HOLES IN ONE OPERATION!

The runout in gun-drilled holes averages *less than .001" per foot* . . . assuring perfect straightness. Cutting action permits size control within tenths of thousandths . . . produces surface finishes of 30 to 50 RMS as a matter of routine. Here are some average gun drilling results for various types of materials:

Material	Size Control		Finish R. M. S.
	Under 5/8	Over 5/8	
Aluminum	.0007	.001	10-30
Mild Steel	.001	.0015	40-100
Alloy	.0005	.0015	30-80
H. T. Alloy	.0005	.001	30-50
Cast Iron	.001	.001	40-80
Brass	.0007	.001	10-40

Convert YOUR PRESENT EQUIPMENT TO GUN DRILLING

Many pieces of drilling, boring or turning equipment . . . with adequate RPM and feeds . . . can be converted to gun drilling by adding Madison attachments.

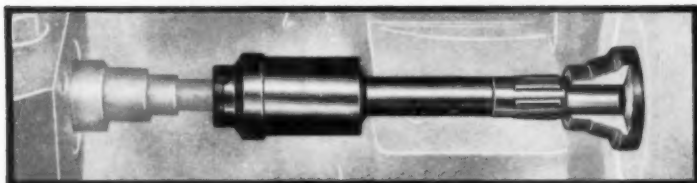
MADISON HIGH PRESSURE COOLANT SYSTEMS deliver clean, filtered oil, under pressures . . . up to 1000 P. S. I. . . . flushing chips from the hole . . . assuring uninterrupted, precision drilling from the solid, at low cost. Five standard models ranging from 7.5 to 60 GPM, are used in conjunction with Madison inductors. Coolant is pumped through the inductors and through the coolant hole in the gun drill.

New Madison GUN DRILLING MACHINE

In addition to their complete line of conversion equipment, Madison also offers their complete new gun drilling machine incorporating these special operating features to provide maximum production at the lowest possible cost.

- Variable rates from 0" to 48" per minute; variable spindle speeds up to 10,000 RPM
- Horizontal stroke up to 60"
- Accommodates drills up to 2"
- 150 gal. coolant system, delivering up to 30 GPM at 1000 PSI

MADISON-FAESSLER *microller* Burnishing A 5 MICRO-INCH SURFACE FINISH ... IN ONE, 5-SECOND PASS!



- The Microller burnishing tool finishes the roughest turned surfaces (ie: 200 mu.-in and higher) to 4-mu. and lower at feed rates of 8 to 12 inches per minute . . . and in one pass!
- Finishes all machineable metals, all types of surfaces; internal and external cylindrical, tapered, radial, flat, etc.
- Use tool in any machine . . . on any drill press or lathe as a secondary operation . . . or on any automatic right along with other operations! No special equipment needed.
- ADJUSTABLE FOR SIZE CONTROL . . . in increments of .000025 or less . . . does sizing jobs never before possible . . . on such operations as oilite bushings, bearing seats, parts out of tolerance, etc.
- Run thousands of parts without tool wear. No stones to replace. Hardened rolls and tips hold size without setting, adjusting . . . are replaceable from stock; off-the-shelf delivery on all standard tools.
- Microller action compresses, condenses the metal . . . forming a harder, denser surface; free of fast-wearing abrasive "toothmarks."
- The top twenty companies in metalworking . . . plus more than a thousand others now using Microller burnishing are experiencing cost savings of 90% and more . . . with production rates increased eight and nine times!
- RESULTS GUARANTEED without qualification.



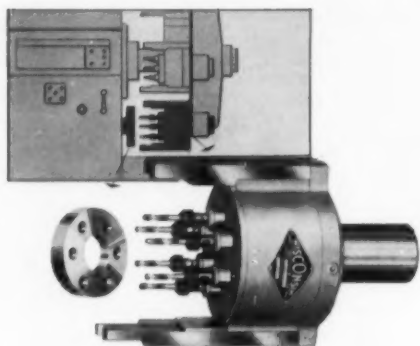
ANSWERS THE "CHATTER" PROBLEM WITH SINGLE- JOINT CONSTRUCTION

- Tool holder is a long, solid bar which eliminates "runout" . . . permits closer tolerances in location and depth of groove, finer finishes.
- End clearance is eliminated by threaded connection to take up slack.
- Snap-on adaptor converts tool for piloting in fixture or piloting in work!

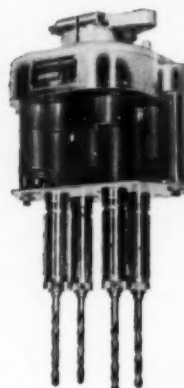
MADISON
Industries

DEPT. TD, PO BOX 1137, PROVIDENCE, R. I.

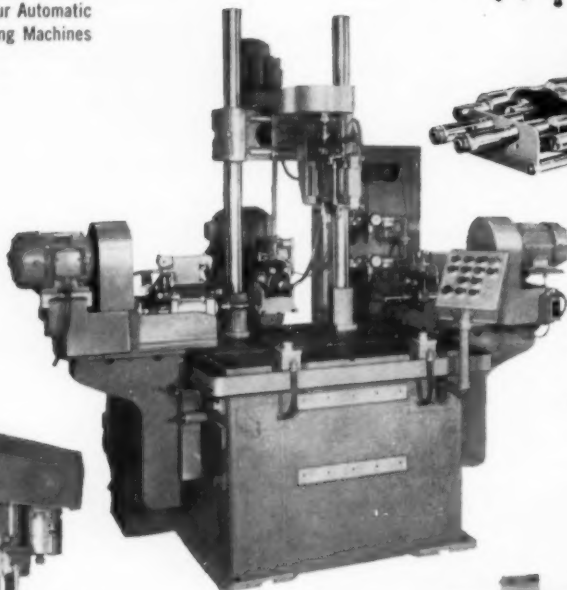
Yours with WISCONSIN... High-Speed Drilling, Tapping Boring and Reaming – at low cost!



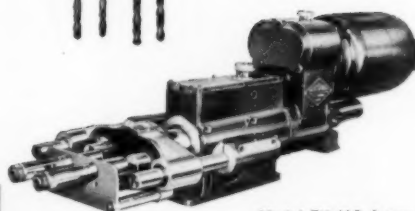
Rotating Drill and
Tap Heads for your Automatic
Chuckling Machines



Model LA-4 Adjustable,
Multiple Spindle
Drill Head



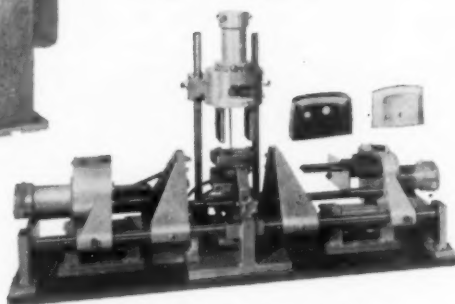
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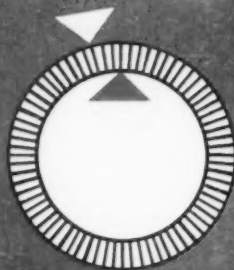
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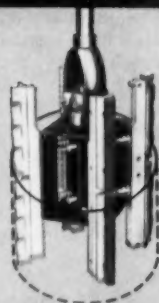


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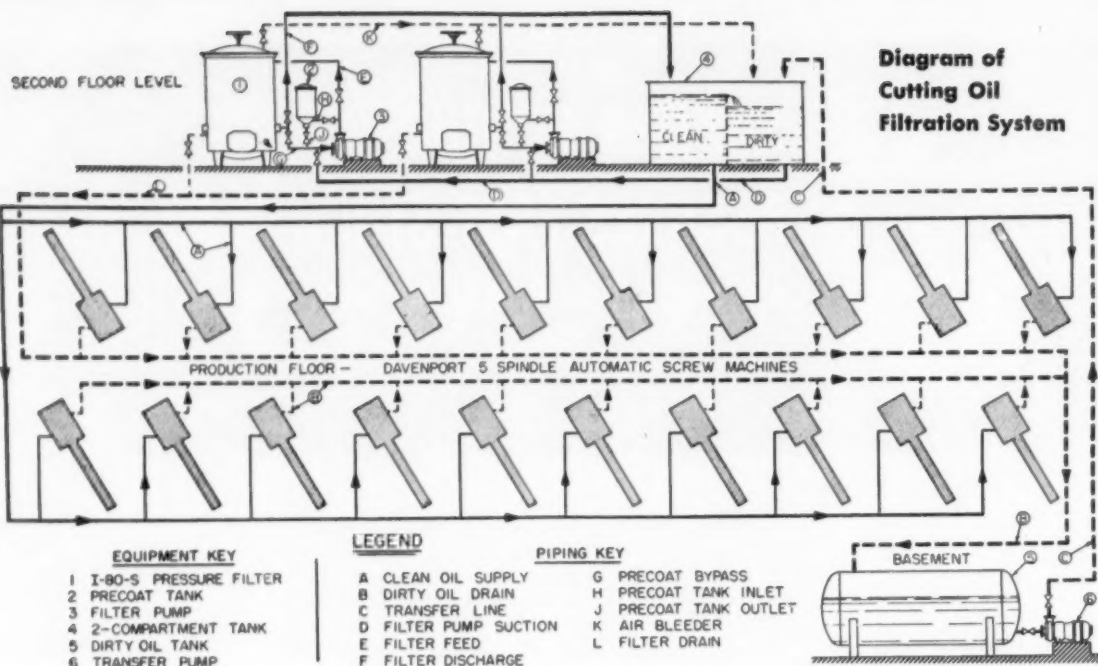
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How Maximation Eliminates Hidden Machine Costs

... at the Teale Machine Company

By: H. L. Gaudriot, President
Teale Machine Co.

More than any other factor, high costs have been responsible for introducing a new efficiency concept in plants producing screw machine products. This reduction of operating expense with an increase in profits is termed MAXIMATION — getting maximum production from machine tools by eliminating hidden costs.

Responsibility Placed On Oil

At our plant in Rochester, N. Y., dirty cutting oil was preventing the plant's 24 Davenport 5 spindle automatic screw machines from functioning at their designed efficiency. Metal chips, solid abrasives, grit, dirt and fine particles in the oil stream were responsible for numerous extra costs. These included frequent down time for tool grinding and sump tank cleaning, shorter useful life of oil, poor product finish, many rejects and excessive maintenance. In addition, oil spillage created a waste and housekeeping problem. Handling of oil barrels was expensive, hazardous and untidy. To remedy the situation, the Teale Co. installed a complete Hoffman Central Pressure Filter System for reconditioning all cutting oil before it reached the automatic machines.

How Filters Operate

The central pressure filtration system includes 2 Hoffman Model I-80 S pressure filters with pre-coat tanks, chip wringers and motor driven pumps. Gravity flow through header pipes and lead-off lines delivers clean oil to each screw machine. As dirty oil enters the filter under pressure, it is filtered through a metal screen and thinly pre-coated with inexpensive filter-aid powder which is easily applied and easily removed. Valuable additives remain unchanged. After passing through the screen, the clean filtered oil flows down a center tube into the outlet manifold. From this point, the clear filtered oil is recirculated to the machines.

Benefits And Advantages

After one year of operation with the Hoffman system, maximization was achieved with these unprecedented production and operation savings:

- Higher speeds, faster feeds, improved finishes, a better part at less cost.
- Fewer rejects — higher production rate.
- Longer tool life with clean oil free of chips and abrasive dirt particles.

- No loss of oil during chip removal.
- Greatly reduced down time. Cleaner floors. Oil waste reduced to a minimum.
- Maintenance of individual motor pumps completely eliminated.
- Actual records showed the yearly oil loss reduced to .1665 gallons per production hour or an approximate saving of 21.7%.

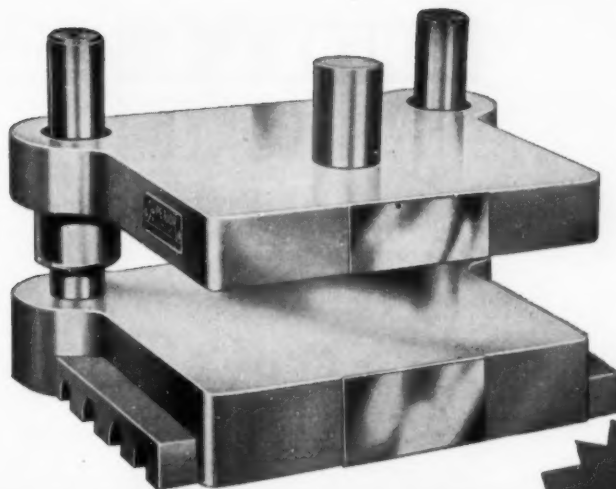
Maximation Pays For Itself

The Hoffman Central System has made it possible to effect actual economies which have enabled us to pay for the installation in a satisfactory period of time. Reduced maintenance, longer tool life, improved product finish and other benefits have saved us thousands of dollars in turning out a million parts a day. Filtration by Hoffman is the ideal way to maintain clean cutting oil.

Comparable maximation results have been obtained at the Utica Drop Forge Div. of the Kelsey-Hayes Co., the Air Reduction Co., Kearney & Trecker Corp., Taylor Instrument Co., etc. etc. To check on the applications of individual tool and complete central pressure filter systems for cutting oils, water base coolants, grinding oils, honing and lapping oils, petroleum solvents, industrial waters and other fluids in your plant, send for free Bulletin FB100 and case histories.

Write U. S. Hoffman Machinery Corp., Dept. T-1, Industrial Filtration Division, Thompson Road Plant #1, Syracuse, New York.

See page 301 of the Manufacturers Section for our complete listings.



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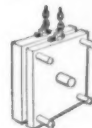
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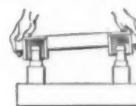
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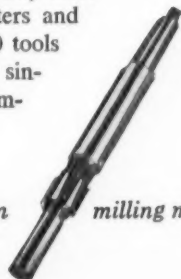
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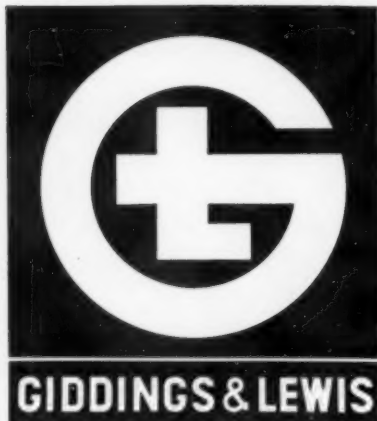


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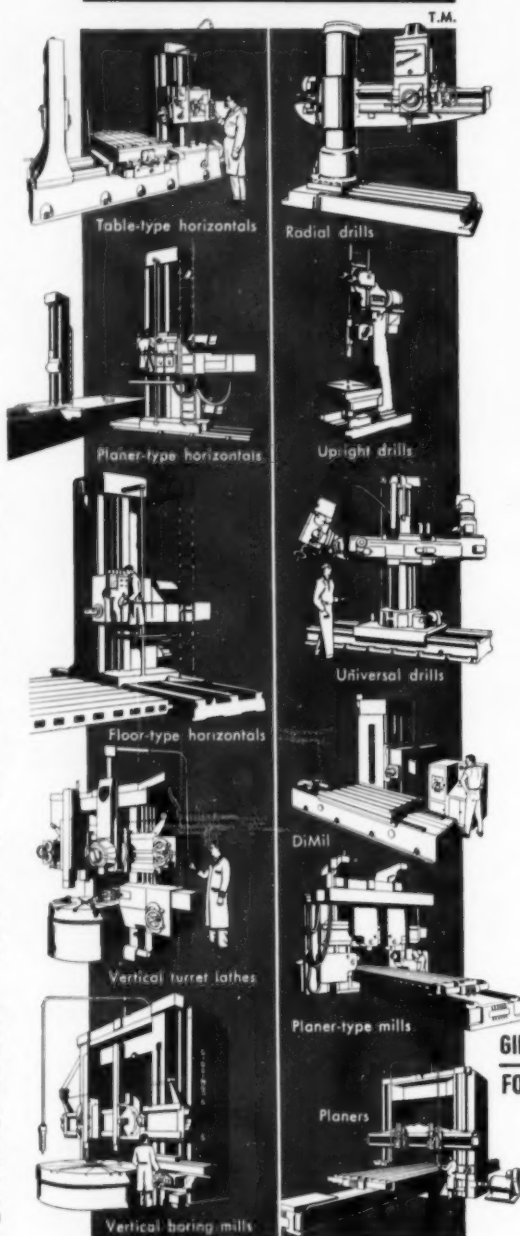
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R. R. 13 Cemented Boride Composites for Tool Bits by Armour Research Foundation

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A preliminary study of impact testing of plastic for tooling materials is summarized. Many of the problems to be overcome are discussed and suggestions for future research in this area are given. Price .75 (non-member 1.50)

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June 15, 1959

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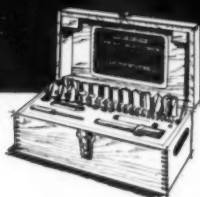


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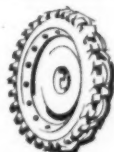


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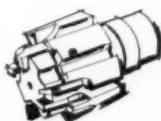
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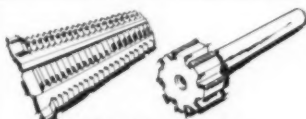
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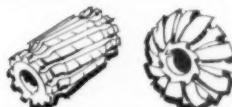
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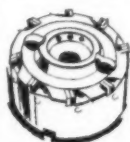
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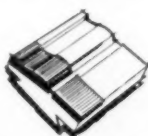
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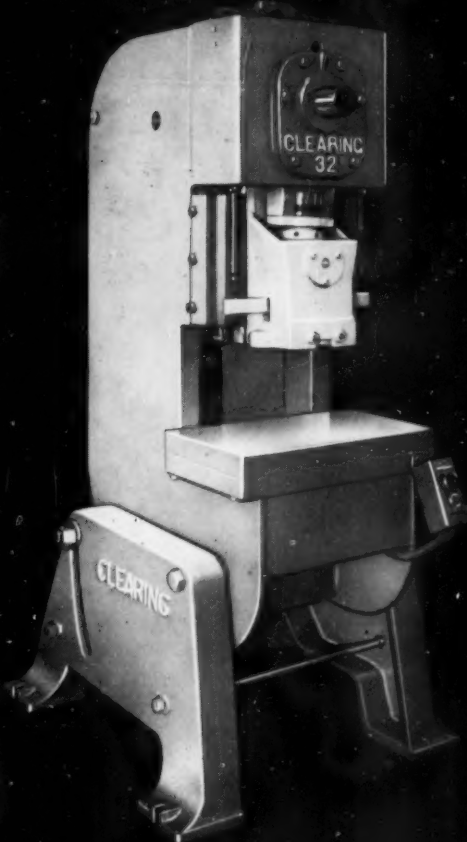
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